Oil Paint and Drug Reporter

VOL. XLIV No. 12. NEW YORK, MONDAY, SEPTEMBER 18, 1893. FOR RATES SEE PAGE 7.

LIBRARY OF AMERICAN CHEMICAL SOCIETY

LEHN & FINK

Importers of Drugs, Chemicals, Essential Oils, Etc., Etc.

128 William Street
P. O. Box 3114.
Cable address, "Rostrum"
NEW YORK.

Sole Agents and Licensees in America for

CHLORALAMID-Schering (Sold only in original 25 gramme pkgs.)

PHENOCOLL-Schering (Sold only in original 25 gramme vials.)

SALOCOLL-Schering (Sold only in original 25 gramme vials.)

PIPERAZIN-Schering (Sold only in original 5 gramme vials.)

ELIXIR CHLORALAMID AND PIPERAZIN WATER

Descriptive Pamphlets Sent on Request.

Jobbers' Price List of our Specialties will be mailed on request.

Manhattan Spirit Company

MANUFACTURERS OF

ALCHOLENE AND Extra Refined Wood Alcohol

Perfect substitutes for Grain Alcohol for use in the Arts and Manufactures. Under our new process, all objectionable odors are eliminated.

AGENTS:

WILLIAM S. GRAY.	103 Maiden Lane, N. Y. City.
PIERCE & STEVENS.	Buffalo, N. Y.
H. C. COLLIER.	Binghamton, N. Y.
WM. H. SWIFT & CO.	45 Pearl St., Boston, Mass.
MARTIN THAYER.	106 Water St., Boston Mass.
M. L. BARRETT.	219 Lake St., Chicago, Ill.
F. W. THURSTON & CO.	29 River St., Chicago, Ill.
PAUL A. DAVIS, JR.	136 N. Water St., Phila. Pa.
JOHN DIXON.	15 N. Front St., Phila., Pa.

WE MANUFACTURE

AXLE GREASE

And want your trade. Write for Prices

LOVELL TRACY & CO. Hartford, Conn., U.S.A.

Fairchild Bros. & Foster

Makers of Original and Reliable Preparations of the Digestive Ferments.

82 & 84 FULTON STREET. - - - NEW YORK

MORPHINE AND ITS SALTS

CODEINE and its Salts, SALICINE, SCAMMONY RESIN, GINGERINE

T. & H. SMITH & CO., Edinburgh and London

NEW YORK AGENTS: DILLON & CO. 20 CEDAR STREET.

ALOIN

Manufactured by the Discoverers,

T. & H. SMITH & CO., Edinburgh and London

New York Agents, DILLON & CO., 20 Cedar St.

Paints & Putty James E. Patton Co. Milwaukee, U.S.A.

Jobbing Trade a Specialty.

ALCOHOL LINSEED OIL

ESTABLISHED 1858.
A. L. Webb & Sons
Pratt & Commerce Sts., BALTIMORE, MD.

COLOGNE SPIRIT TURPENTINE, ROSIN, Etc.

FLETCHER MANUFACTURING CO. ESTABLISHED 1793

FLETCHER WICK IS WARRANTED TO POSSESS THE HIGHEST CAPILLARY POWER

WAREHOUSES
18 & 20 Thomas Street, New York, W. B. Fletcher, Agent.
83 Lincoln Street, Boston, S. G. Trippe, Agent.

Factries Providence, R. I.

VOLLMAN SPONGE CO,

Importers of Sponges & Chamois Skins

16 PLATT ST., NEW YORK

The Largest House Outside of Sponge Trust.

Through the co-operation of the fishermen we are now getting larger quantities of the best grades of sponges.

CYANIDE OF POTASSIUM

MADE IN NEWARK, N. J.

TESTS ALWAYS THE SAME

THE NEWARK CHEMICAL COMPANY

Malvern and Van Buren Sts., - - - Newark, N. J.

MORRIS HERRMANN & CO.,

Dry Color Makers and Importers

Office, Times Building, New York.
Works at Newark, N. J.

BERGEN PORT SULPHUR WORKS

ESTABLISHED 1841. T. & S. C. WHITE MANUFACTURER

Sublimed (Chamber) Flowers of Sulphur

ROLL AND VIRGIN ROCK BRIMSTONE

30 BURLING SLIP, NEW YORK.

PURE LINSEED OIL AND PERMANENT PIGMENT

LUCAS PAINT

NO WATER NO BENZINE. NO EMULSION.

JOHN W. MASURY & SON

MANUFACTURERS OF

PAINTS AND VARNISHES

NEW YORK-CHICAGO

CRUDE WOOD ALCOHOL

82% Test at 70 Cents Per Gallon.

BAYLESS & BERKALEW

BINGHAMTON, N. Y. (Established 1867.)

We are not connected with any Trust.

JOHN LAZENBY

MANUFACTURER OF

Color Cards for Mixed Paints

Office, 39 Dearborn Ave, CHICAGO, ILL.

Factory, 203 E. Kinzie St. Correspondence Solicited

LONGMAN & MARTINEZ,

MANUFACTURERS and EXPORTERS

PAINTS and VARNISHES

NEW YORK.

WEBB'S ALCOHOL

Established 1856.
Jas. A. Webb & Son
Send for Quotations
165 Pearl St., New York

COLOGNE SPIRIT

JOHN E. BORNE, President. C. HOWARD SCRYMSER, Vice-President. CHARLES L. TAPPIN, Sec'y & Treasurer.

BORNE, SCRYMSER COMPANY

REFINERS OF

HIGH GRADE PETROLEUM LUBRICANTS

CYLINDER OILS

Engine Oils, Machinery Oils, Railroad Engine and Car Oils

Spindle Oils, Wool Oils, 300 deg. Fire Test Burning Oils, Neutral Oils, Lubricating Greases, Paraffine Wax.

Works: Elizabethport, N. J.

OFFICES:
80 and 81 South Street, New York.
3 Adelaide Place, London Bridge, London, Eng.
18 St. Ann Street, Manchester, Eng.
57 West Nile Street, Glasgow, Scotland.
4 Rue Chauchat, Paris, France.
45, Ferdinand-strasse, Hamburg, Germany.
1, Liebenberggasse 7, Vienna, Austria.

BUSH & DENSLOW

PREMIUM

SAFETY OIL

BEST IN THE WORLD

The New York Board of Underwriters say "Bush & Denslow Premium Safety Oil is a perfectly safe illuminator, and its use will result in a great saving of life and property."

BUSH & DENSLOW WORKS.

Refiners Office 26 Broadway, - NEW YORK

STANDARD OIL COMPANY of NEW YORK

THOMPSON & BEDFORD Department

BEST

PETROLEUM LUBRICANTS

GREAT BODY OR VISCOSITY
HIGH FLASH AND FIRE TEST
PALE SPINDLE,
MACHINERY AND ENGINE OIL,
ALSO THE CELEBRATED

BAYONNE ENGINE OIL

IN EXCLUSIVE USE BY THE ENGLISH ADMIRALTY.

CYLINDER OILS,
RAILROAD, ENGINE AND CAR OILS,
300° MINERAL COLZA OIL,

LUBRICATING GREASES

AND

PARAFFINE, WAX

OFFICES.

PEARL STREET, NEW YORK, U. S. A.

EXCHANGE ST., MANCHESTER, ENG.

PALMERSTON BLDGS., BISHOPGATE ST., LONDON, E. C., ENG.

RUE LAFAYETTE, PARIS, FRANCE.

RN STRASSE, KFCRT, GERMANY.

WORKS.

FRANKLIN, PA.

OIL CITY, PA

PHILADELPHIA, PA

PITTSBURGH, PA.

CLEVELAND, OHIO.

BAYONNE, N J

CLAREMONT, N

HUNTER'S POINT, N. Y.

PARKERSBURG W. VA.

U. S. A.

Robert B. Brown Oil Co.

SAINT LOUIS, MO.

—MANUFACTURERS OF—

LINSEED, CASTOR & COTTON SEED OILS,

LINSEED & COTTONSEED MEAL

All Goods Warranted Strictly Pure,

J.H. MAXON, President. - - **509 Chestnut St.**

The National Cotton Oil Co.

GALVESTON, TEXAS.

—MANUFACTURERS OF—

CRUDE COTTON SEED OIL,

COTTON SEED CAKE,

COTTON SEED MEAL,

LINTERS AND HULLS

L. KANE, Second Vice-Presid't - **GALVESTON, TEX**

EDWARD FORD, President.
JOHN B. FORD, JR., Treasurer.

PITTSBURGH PLATE GLASS CO.

E. L. FORD, Secretary.
A. PITCAIRN, Vice President.

CAPITAL, $3,500,000.00

MANUFACTURERS OF

PLATE GLASS

OPERATING WORKS AT

CREIGHTON
MONTHLY PRODUCTION
100,000 Square Feet Polished Plate Glass

TARENTUM
MONTHLY PRODUCTION
150,000 Square Feet Polished Plate Glass

FORD CITY, PA.
MONTHLY PRODUCTION
250,000 Square Feet Polished Plate Glass

TOTAL MONTHLY PRODUCTION

500,000 Square Feet Polished Plate Glass

As we are now the Largest Producers of POLISHED PLATE GLASS in the World, we Experience no Difficulty in Executing Orders Promptly

Address all Communications to

Creighton, Pa.

E. A. HITCHCOCK, PRESIDENT. GEORGE F. NEALE, MANAGER. C. W. BARNES, TREAS.

CRYSTAL PLATE - GLASS CO.

(Capital $1,500,000)

MANUFACTURERS OF

POLISHED PLATE-GLASS

SKYLIGHT GLASS, FLOORING GLASS

ST. LOUIS, MO.

GILBERT S. KING, Agent **102 Chambers St., NEW YORK**

MANUFACTURERS OF EVERY PRODUCT OF PETROLEUM.

Eclipse Lubricating Oil Company

(LIMITED)

OF FRANKLIN, PA.

MANUFACTURERS OF

Lubricating and Burning Oils of all Grades and Gravities and Cold Tests

ADAPTED TO THE WEATHER AND CLIMATE.

We make 300 deg. test BURNING OIL A SPECIALTY We have the largest filtering capacity in the world, and turn out a very large amount of every grade of filtered petroleum Our WOOL OIL STOCKS and NEUTRAL OILS are used the world over.

ALSO MANUFACTURERS OF THE CELEBRATED

MATCHLESS VALVE and CYLINDER OIL

Warranted not to CORRODE the IRON or EAT the PACKING, and to make more mileage than tallow or lard, and which we sell only to Railroad Companies or through our authorize agents. The Matchless Cylinder Oil cannot be bought of dealers. In use on 60 Railways.

Main Office, Franklin, Pa. **Refineries: Franklin, Pa., Olean, N. Y., Erie, Pa**

EDWARD D. ADAMS, CHM. J. R. BARTLETT, President. T. R. CHANEY, Vice President. R. F. MUNRO, Secretary. JUSTUS E. RALPH, Treasurer.

THE AMERICAN COTTON OIL CO,

EDWARD FLASH, JR., MANAGER NEW YORK SALES DEPARTMENT

MANUFACTURERS OF

COTTON SEED PRODUCTS

FOR DOMESTIC AND EXPORT TRADE.

NEW YORK SALES DEPARTMENT

COTTONSEED OILS
SALAD
COOKING
WINTER WHITE
WINTER YELLOW
SUMMER WHITE
SUMMER YELLOW
CRUDE

COTTON SEED CAKE
COTTON SEED MEAL

WHITE C. S. OIL STEARINE
YELLOW C.S. OIL STEARINE

FULLING SOAP
SCOURING SOAP
SOAP STOCK
TANK BOTTOMS

LINTERS
ASHES

THE AMERICAN COTTON OIL CO.
29 Broadway, New York City.

Telephone Call "2667 CORTLANDT." Cable Address "AMCOTOIL New York."

PROVIDENCE PURE SALAD OIL

IN CANS FOR HOUSEHOLD USE

UNION OIL COMPANY

INCORPORATED 1856.

PROVIDENCE, RHODE ISLAND

C. C. NICHOLS, Agent,

REFINERS OF

COTTON SEED OILS

Pure Salad P/S
Olive Flavored O/F
Winter White
Winter Yellow
Summer White
Summer Yellow
Crude
Salad Oils in Bottles, Cans and Cases

White and Yellow Stearine

Scouring and Fulling Soaps

UNION OIL CO.
Providence, R. I.

Long Island Paint and Color Works

GEO. H. HOPPER

MANUFACTURER OF

Petroleum Barrel Paints

—ALSO—

Our Ready Mixed Paints

Of All Colors for Wood and Iron Work

JAS. G. NEWCOMB, Manager — Office, 26 Broadway, New York

THE UNION OIL COMPANY

New Orleans, La. — JAS. M. WINSHIP, Second Vice-President

MANUFACTURERS OF

Crude & Refined Cotton Seed Oils, Cotton Seed Cake & Meal
Linters & Cottonseed Hull Ashes, Fulling Soap, Soap Stock

Owners of the following well-known brands of Refined S. Y. Oil:

ALDIGE REFINERY — Y.S.C.S. OIL Petite Roche ARKANSAS — PLANTERS NEW ORLEANS

The Union Oil Co. 49 Carondelet St. New Orleans, La

Important to Extract Makers

A Comminutor for Licorice Root, Logwood, Drugs, Barks, Etc.

Low Price — Large Capacity — No Repairs

And very Small Power Required.

Our **COMMINUTOR** will prepare, with the least power and expense, Licorice Root, Dye Woods, Drugs, Bark and all other materials in the best possible condition for extraction or diffusion.

We build machines having capacities of from 100 lbs. to 10,000 lbs. per hour. We have at our Works a Comminutor for promptly testing materials free of charge where samples may be shipped, and we will return the comminuted product.

SPECIAL NOTICE.

We are prepared to undertake all kinds of Chemical Engineering, and the manufacture and in stallation of complete plants and special machinery for chemical industries.

We have had many years experience in a wide range of Industrial Chemical Engineering, and with our unusual combination of Chemical and Mechanical Engineering, we have been enabled to greatly cheapen the cost of manufacture and improve the quality of many of the manufactured articles by the designing and building of special machinery, and the application of new processes.

In connection with our works we have a thoroughly equipped department, where practical demonstration can be made, and all inquiries regarding matters appertaining to Chemical Engineering will receive prompt attention.

We particularly solicit correspondence from parties engaged in industries where materials require reduction and concentration, or cutting, grinding or disintegrating, and extracting either by pressure, percolation or diffusion and subsequent evaporation or crystallization in vacuum.

Address

WALBURN-SWENSON COMPANY

WORKS — Chicago Heights, Ill.

GENERAL OFFICE — 944 Monadnock Block, CHICAGO

NEW YORK OFFICE — No. 16 William Street

Index to Large Advertisements

Wants or Notices. on page 27.

BEESWAX.

Bowdlear & Co., W. H.....39

BRUSHES.

Adams & Co., J. J.....56
Whiting & Son, John L.....12

CHEMICALS.

Action Gesellsch't FurChem.In.—
Battelle & Renwick.....37
Bellhouse, Dillon & Co.....55
Billings, Clapp & Co.....—
Blackwell, Geo. G.....12
Boehringer & Sons, C. F.....36
Brunner Mond & Co., Ld..— & 45
Beggs & Co., E. J.....47
Buffalo Chemical Co.....45
Chappell & Co., W. H.....—
Cleveland Copperas Co.....47
Cochrane Chemical Co.....55
Davis, Wolt & Co.....51
De Haen, E.....47
Day, & Co., J. H.....—
Dundee Chemical Works.....44
Elmer & Amend.....39
Fairfield Chem. Works.....44
Ferguson Bros.....47
Fuerst Bros. & Co.....30, —& 46
Grace, W. B.....34
Gray, Daniel H.....47
Highlands Chemical Works.....44
Hill's Sons & Co., Edw...18, 30 & 45
Hollingsworth & Peterson.47 & 56
Hulsen & Co., J.....—
Huber, J. M.....6
Iron City Chemical Co.....—
Kalbfleisch's Sons Co., M.....44
Larkin & Scheffer.....30
Lee & Co., Jas.....45, — & 47
Linder & Meyer.....55
Lockwood Chem. Co.....6
Maas & Waldstein.....44
Mallinkrodt Chemical Co.....39
Merck & Co.....33 & 36
Meyer, G., A. & E.....47
Michigan Carbon Works.....17
Morgan & Co., Jas. L.....44
Newark Chemical Co.....1
N. Y. Coal Tar Chem. Co.....47
N. Y. Quinine & Chem. Works.36
Nichols Chemical Co.....51 & 44
Nassau Sulphur Works.....47
Passaic Chemical Co.....47
Penna. Salt Manufacturing Co.45
Perry & Hope.....44
Philadelphia Copperas Works.48
Pfizer & Co., Chas.....57
Pim, Forwood & Co.....48
Powers & Weightman.....55
Riker, J. L. & D. S.....— — &34
Robbins, A.A.....47
Roessler & Hasslacher Chem. Co.45
Rosengarten & Sons.....36
Schering & Glatz.....31
Smith, F. M.....38
Smith & Co., T. & H.....1
Solvay Process Co.....45
Tartar Chemical Co.....30
Taylor, E. R.....6
Thomsen, Alonzo L.....56
Union Chemical Works.....— & 55
United Alkali Co.....40
Wache, Locoge & Cie.....46
Walker Chemical Co.....56
Western Chemical Co.....55
White, T. & S. C.....1
Wing & Evans.....—, — & 45
Zimmer & Co.....36

CHEMISTS ANALYTICAL.

Adriance, John S.....56
Geisler, J. F.....—
Hunt & Clapp.....56
Ledoux Chemical Laboratory..—
Moore, Gideon E.....48
Pittsburg Testing Laboratory..56

DRUGS, Etc.

Baker Castor Oil Co.....38
Buffalo Alcholene Co.....1
Day, & Co., J. H.....—
Dillon & Co.....1
Dodge & Olcott.....38
Emerson Drug Co.....—
Evans, Sons & Co.....—
Fairchild Bros. & Foster.....1
Gould Commercial Co.....37
Green, D. E.....56
Hillier's Son Co., R.....56
Hires & Co., Chas. E.....38
Hopkins & Co., J. L.....37
Howe & French.....56
Japan Camphor Co.....37
Kelly & Co., Francis.....23
Lavino & Co., E. J.....36
Lehn & Fink.....1
McKesson & Robbins.....36
McKinley W. S.....6
Parke, Davis & Co.....37 & 35
Rogers & Pyatt.....— & 39
Schieffelin & Co., W. H.....36
Schoellkopf, H. & M.....36
Smith, Kline & French Co.....38
Thomsen, John J.....37
Thurston & Braidich.....37
Tyler & Finch.....38
Vollman Sponge Co.....1
Webb & Son, Jas. A.....1
Webb & Sons, A. L.....1

DYESTUFFS.

Atteaux & Co., F. E.....51
De Ronde & Co., A.....31
Holliday's Sons, Read.....51
Howe, Balch & Co.....51
Innis & Co.....51
Klipstein, A.....30 49
Lawrie & Buchanan.....51
Lewis, John D.....51
Matheson & Co, Limited, W. J..56
Miller, Son & Co., Jas.....51
Phila. Dyestuffs & Chem. Co...51
Pickhardt & Kuttroff, Wm.....50
Read, Holliday & Sons.....51
Sharpless & Co., John M.....50
Stein Hirsh & Co. (Starch).....50
Taylor & Barker.....51
Walpole Dye & Chem. Co.....46

ESSENTIAL OILS.

Bernard & Co., Leo.....38
Butler Co, Jos. C.....39
Cocking & Co.....—
Dodge & Olcott.....38
Grossmith, T. T.....39
Marchi E.....6
Sicilian Essential Oil Co.....—
Todd A. M.....—

GLASS.

Baudoux Eugene.....17
Crystal Plate Glass Co.....3
DePauw, W. C. & Co.....—
Flaccus Glass Co., C. L.....37
Mississippi Glass Co.....—
Pittsburgh Plate Glass Co.....3
Reid, Wm.....56
Sommer & Co., Philip.....—
Vanhorne, Griffen Co.....17

GLYCERINE.

Gordon W. J. M. Chemical Co...55
Grasselli Chem. Co.....55
Marx & Rawolle.....55
Procter & Gamble Co., The.....55
Werk Co., M.....55
Wallace, Muller & Co.....55

LAMP BLACK.

Binney & Smith.....12

MACHINERY.

Caldwell & Son. Co., H. W.....—
Cummer & Son Co. F. D.....6
Dopp & Son, H. William.....21
Frenzel, A. B.....51
Guild & Garrison.....19
Link Belt Engineering Co.....—
Morris Machine Works.....14
Walburn-Swenson Mfg Co.....5

MACHINERY—Mills.

Alsing Co., J. R.....48
Munson Brothers.....17
Simpson, J. S. & G. F.....19

MACHINERY—Paint.

Beardsley, B. B.....—&—
Carey, S.....16
Kaestner & Co., Charles.....—
Kent & Haly.....15
Ross & Son, Chas.....15
Walton, P. M.....18
Young, Geo. A.....—

MISCELLANEOUS.

Bayless & Berkalew.....1
Belle of Nelson Dist. Co.....33
Colwell Lead Co.....25
Dodge B G. (Corks).....38
Fletcher M'f'g Co.—Wicks.....1
Green, L. E.....37
Helmbold & Co. C.D.(Brokers)..23
Hiland Flowers (Broker).....23
McAllister, F. E.....37
Purse, H. J.....22
Remmey, R. C.—Stoneware.....6
Sturtevant Mill Co.....15
United States Mailing Case Co.-
Wick Dept. Standard Oil Co.....52
Wirz, A. H.—Tubes & Stoppers.55

NAVAL STORES.

Shotter Co., S. P.....16
Corner & Sons, Jas.....21
Standard Oil Co.....52

OIL—ANIMAL & FISH.

Davis Oil Co.....23
Delano's Sons, Geo.....23
Dodd & Co. A. W.....56
Grace & Housum.....—
Macy's Sons, Josiah.....23
Wilcox Lard & Ref. Co., W. J....23
Young, F. L.....23

OIL—COT'SEED CAKE.

American Cotton Oil Co.....4 & 49
Brode & Co., F. W.....23
Brown Oil Co, Robt. B.....3
Cotton Oil Co., of Balto. City...23
Hopkins, Dwight & Co.....22
Haebler & Co.....23
Kentucky Refining Co.....22
Lincoln M'f'g Co.....23
National Cotton Oil Co.....3
Rainey, Jas., & Co.....22
Tainter & Bro. Chas. B.....22
Tenn. Cotton Oil Co.....49
Union Oil Co.....4 & 5

OIL—LINSEED.

Campbell & Thayer.....17
Cleveland Linseed Oil Co.....—
Collier.....13
Dean Linseed Oil Co.....22
Griswold Linseed Oil Co.....—
Lewis & Bros Co., John T..16 & 18
National Lead & Oil Co. of Pa..19
National Linseed Oil Co.....17
Preston, T. J.....23
Wright & Hills Linseed Oil Co..17

OIL—RAPESEED

Hage & Co., J. D.....22

OIL—OLIVE & VEG.

Societe Hygienique Alimentaire22
Welch, Holme & Clark Co.....44

OIL—PAINT.

Magoffin, W. H.....25

OIL—PETROLEUM.

Acme Oil Co.....25 & 54
Atlantic Refining Co.....53
Borlido Moniz & Co.....—
Borne, Scrymser & Co.....2
Bosshardt & Wilson.....29
Bush & Denslow M'f'g Co.....2
Crew Levick Co.....29
Delaware Lubricating Oil Ref'y.22
Devoe Manufacturing Co.....54
Eclipse Lubricating Oil Co., L'd. 3
Galena Oil Works, L'd.....43
Maverick Oil Co.....25
Meriam & Morgan Paraffine Co.23
Oil Well Supply Co.....29
Orient Refining Co.....29
Paragon Refining Co.....55
Pratt Manufacturing Co.....27
Reed, Hall & Hewlett.....22
Rocky Mountain Oil Co.....29
Seneca Oil Works, L'd.....29
Signal Oil Works, L'd.....29
Standard Oil Co 53, 52, 51, 43 54 & 23
Thompson & Bedford Co. Ltd 24&34
Tide Water Oil Co.....27
Vacuum Oil Co.....52
Vesta Oil Works.....48
Waters Pierce Oil Co.....43

OIL TANKS & CARS.

Beardsley & Co., L. C.....—
Graver Tank Works, Wm.....29
Hunt Stamping Co., H. B.....14
Record Mfg Co.....19
Wilson & Co., F. C.....25

OZOKERITE.

Wallace, J.....56

PAINTS COLORS, Etc.

Acme White Lead & Color Wk's20
Abbott & Co., A. H.—Artist Mat. 6
American Zinc Lead Co.....18
Am. Bronze Powder M'f'g Co...16
Atlantic Drier Co.....15
Barnett & Co.....21
Belknap's Son, E. S.....21
Berger & Sons, L'd, Lewis.....13
Billings, Taylor & Co.....18
Bridgeport Wood Finishing Co.56
Bruno Groesche & Co.....17
Burgess, Geo. H.....13
Chicago Wood Finishing Co.....6
Coulston & Co., Jas. W.....15
Devoe, F. W. & C. T. Raynolds Co 12
Day, & Co., J. H.....—
Dingee, Weinman & Co.....13
Dodd & Co. A W.....56
Felton, Sibley & Co.....—
French & Co. Saml. H.....15
Fuller & Co.....—
Gabriel & Schall.....20
Harrison, Bros. & Co.....20
Heller & Merz Co.....50
Herrmann & Co., Morris.....1
Howell & Co., C. H.....14
Huber, J. M.....6
Int'l Ultramarine Works, L't'd..51
Johns M'f'g Co., H. W.....56
Johnston, H. M.....19
Kellogg Oil, Paint & Varnish Co.20
Knowles & Co., F. C.....13
Lazenby, John.....1
Lewis & Bros Co., John T. 14..18
Long Island Paint & Color W'ks 5
Longman & Martinez.....1
Lucas & Co., John.....1
Lovell Tracy & Co.....1
Marsching & Co., J.....6
Mason, Chapin & Co.....47
Masury & Son, J. W.....1
Moser & Co., Charles.....17
Murdock, E. O.....17
National Lead Co.....11
Oxley & Wilson M'f'g. Co.....17
Palmer-Willcox M'f'g. Co., The17
Patton & Co., Jas. E.....1
Peale & Bro. W. C.....21
Penn. Paint & Ochre Co.....—
Phoenix Paint Co.....20
Phillips, Ferguson & Hanold Co.56
Prince Manufacturing Co.....20
Pure Rubber Paint Co.....55
Rambo & Specht.....21
Reichard, F. A.....17
Salomon & Schwartz.....21
Seaver & Co.....21
Smith & Co., J. Lee.....14
Stevens' Paint Specialty Co.....20
Taintor, M f g Co, H. F.....—
Tiemann & Co., D. F.....21
Truslow & Co.....55
Waddell & Co., R. J.....21
Walker Chemical Co.....56
Wetherill Co. The S. P.....12 & 21
Whitelaw Bros.....6
Williams & Co. C. K.....13
Wood's Sons Co., H.....13
Woolsey Paint & Color Co., C. A13

PHOS. & FERTS.

Benecke, Otto.....—
Heller, Hirsh & Co.....47
Listers Agr. Chem. Works.....49
Menhaden Oil A's's'n.....25
Peace River Phosphate Co.....56
Pels, S.....48
Salmon & Co., H. H.....55
Taylor & Brush Geo. F.....51
White & Co. Thos. H.....56

VARNISH & V. GUMS.

Acme White Lead & Color Wk's20
Buckeye Paint & Varnish Co....21
Celluloid Zapon Co.....56
Gillespie, Chas. H. & Sons.....20
Hill's Son & Co., Edward.....16
Howe & French.....56
Karam, M.....13
Knudson, Paterson & Co.....17
Lamson & Bro., John S.....19
Mayer & Loewenstein.....—
N. Y. Shellac Co.....38
Pratt & Lambert.....23
Rogers & Pyatt.....37& 39
Scheel, Wm. H.....56
Standard Varnish Works.....14
Walker Gum Co.....19
Zinsser & Co., Wm.....55

WHITE LEAD.

Acme White Lead & Color W'ks20
Atlantic.....15
Carter White Lead Co.....15
Eagle White Lead Co., The.....15
Lewis & Bros. Co., John T.....14
Lewis & Sons, Geo. T.....16
National Lead & Oil Co. of Pa16&19
National Lead Co.....11
Pitcher Lead Co.....16
Suydam & Co., M. B.....15

MARSCHING'S FRENCH GOLD PAINT FOR ORNAMENTAL GILDING

THIS, BEST OF ALL **Decorative Paints** Is easily applied on Frames, every variety of woodwork, metal plaster Paris, leather, etc. Send for price lis to J. MARSCHING & Co 27 Park Place, New York. Importers and Manufac'rs of BRONZE POWDERS, GOLD LEAF, ETC.

THE CUMMER DRYER AND CALCINING APPARATUS

Crushers, Rolls, Drying, Calcining, Separating and Pulverizing Machinery for Paints Colors, Chemicals, Drugs, Fertilizers, Phosphates, Sand, etc. We dry and calcine by new, reliable and very economical methods.

THE F. D. CUMMER & SON CO, "Arcade," Cleveland. Ohio, U S. A

USE TRADE MARK C.W.F. CO. WOOD FILLER CHICAGO MANUFACTURED BY CHICAGO WOOD FINISHING CO. 259 & 261 ELSTON AVE., CHICAGO. ABSOLUTELY THE PUREST AND HIGHEST GRADE MATERIALS ONLY USED. N.Y. CITY TRADE SUPPLIED BY L.C. KING & Co 171 FRONT St TELEPHONE CALL. 2318 CORTLANDT

HUGUES-GUEZET
POMADES, ESSENTIAL OILS
For Soap-Makers, Perfumers and Confectioners' use are kept in stock by
E. MARCHI
162 Pearl Street, New York.

RICHARD C. REMMEY,
Philadelphia Chemical Stoneware Manufactory, 2637-59 East Cumberland St., Phila.,

Manufacture of all kinds of Chemicals Stoneware for Manufacturing Chemists, also Chemical

Bi-Sulphide of Carbon
IN DRUMS.
E. R. TAYLOR
MANUFACTURER,
CLEVELAND, O.

WHITELAW BROTHERS,
Importers, Jobbers and Commission.
Oils, Paints, Drugs and Seeds
Consignments Solicited.
ST. LOUIS, MO.

A. H. ABBOTT & CO.

Artists Materials.
IMPORTERS
50 Madison St., Chicago

J. M. HUBER
Office, 239 FRONT STREET, NEW YORK.
Manufacturer of
DRY AND PULP COLORS
Arrow Color Works, Brooklyn
Sole Agent in the United States for
Michael Huber MANUFACTURER OF Fine Colors
MUNICH, GERMANY.
Established 1780.

TWENTY-FOUR YEARS EXPERIENCE AS A DRUG MILLER.
The Philadelphia Drug Mills
Corner Front & New Sts.
SPECIAL NON-HEATING MACHINERY FOR PEPSIN' ERGOT, VANILLA, ETC.
W. S. McKINLEY,
DRUG MILLER
Office, 244 North Front Street,
PHILADELPHIA, PA.
Best Facilities for Drying and Powdering Gums, Resins and Extracts, Mustard and Spices properly Cured and Ground. Specialties: Fine Powdering and Grinding for Percolation. For Sale, Powdered Alum, Whole and Ground Flaxseed and Pure Spices.

Lockwood Chemical Co. Limited.
SOLE MANUFACTURERS OF
BREINIG'S R. M. B.
Silex Primer, Liquid Filler And Priming
Oil and Water Stains,
Standard Japans and Dryers,
Floor Polish and Improved Oil.
No. 276 Pearl Street - - NEW YORK

Oil, Paint and Drug Reporter

EMBRACING THE
DRUG. PAINT AND OIL TRADE, NEW YORK DRUG BULLETIN, NEW YORK DRUGGISTS' PRICE CURRENT, SOAP-MAKERS' JOURNAL, OIL AND PAINT REVIEW, and WEEKLY DRUG NEWS.

WILLIAM O. ALLISON.

PUBLISHED EVERY MONDAY at 72 William street, New York.

SUBSCRIPTION RATES

For U. S. and Canada, in advance..... $6.00
When paid within 30 days.....$4.00
To all *Foreign Countries* (including postage), in advance.....$6.00

NET ADVERTISING RATES.

TERMS: PAYABLE QUARTERLY IN ADVANCE.

One	page, 43 weeks, or one year...				$1,600.00
Half	"	"	"	.....	850.00
Quarter	"	"	"	.....	450.00
Ten inches,	"	"	"	.....	375.00
Eight inches,	"	"	"	.....	320.00
Six inches,	"	"	"	.....	260.00
Four inches,	"	"	"	.....	180.00
Two inches	"	"	"	.....	100.00

Transient Rates 25c. per line

First page, $75 per inch per year. Last page, $60 per inch per year.

Ten months cost exactly the same as a year. Fractions of a year are always at short rates. Sixty days notice in writing is necessary to discontinue "till forbidden" ads.

Net rates for all sizes for two, four and six months, etc., on application.

Special Positions at Special Rates

WANTS. Two DOLLARS each insertion for EIGHT LINES or less, and 25 cents for each additional line each insertion.

No order given to any agent or representative of this paper becomes binding until approved by the Manager.

MONDAY, SEPT. 18, 1893.

CONTENTS

EDITORIALS:
The Tariff and Imports..... 7
Indorsing the Rebate Plan..... 7
Activity in Quinine..... 7
The Detroit Meeting and Excursion from New York..... 7
The Situation in Cutch..... 8
Imports and Exports for Seven Calendar Months..... 8
August Petroleum Statistics..... 8
Outlook for Linseed Oil..... 8
TRADE ITEMS..... 9
PETROLEUM NOTES..... 9
OBITUARY:—
John M. Maisch.....10
J. C. Eastman.....10
CORRESPONDENCE:—
You're Wanted at Detroit.....10
A Correction.....10
MISCELLANEOUS:—
The Trade on the Rebate Plan.....10
Recent Appraisers' Decisions.....10
Borax and Quicksilver in California.....10
Some Cotton Oil Problems for Chemists..48
Black and White Pepper.....48
New Mining Enterprises.....51
Awards for Ordnanance Supplies.....51
Paint Market.....14
Oil Market.....22
Naval Stores Market.....25
Petroleum Market.....26
Drug Market.....36
Chemical Market.....44
Dye Market.....50

WEEKLY REVIEW.

The money market remains easy. Money on call ranged from 3 to 4 per cent., the average for the week being about 4 per cent., with renewals at 4 per cent. Time money is in limited supply, with the nominal quotations at 6 per cent., for 30 days, 6 per cent. for 60 days to four months.

Commercial paper is easier. Rates are 8@10 per cent. for 60 to 90 days indorsed bills receivable, 10@12 per cent. for 4 months acceptances, and 8@10 per cent. for good single names having 4 to 6 months to run. Following are the rates of exchange on New York: Savannah buying ¼ discount, and selling ¼ discount @ par; Charleston buying ¼ premium, selling par; New Orleans commercial, $2 00 premium; bank, $3 premium; Chicago, 70c premium; St. Louis, 90c premium; Sterling exchange is dull.

60 days....	4 82 @4 82¼
Sight.....	4 84¾@4 85¼
Cable transers.....	4 85¾@4 86
Commercial, long.....	4 80½@4 81¼
Documentary for payment.....	4 81 @4 82

Continental range as follows:

Paris—Cable transfers.....	5 20 @5 19¾
Bankers' 60 days.....	5 23¾@5 23¼
sight.....	5 21¼@5 20¾
com., 60 days.....	5 25 @5 24¾
com., sight	5 22¼@5 21¾
Antwerp, com., 60 days.....	5 26¼@5 25
Swiss, bankers' 60 days.....	5 24¾@5 23¾
sight.....	5 21¾@5 21¼
Berlin, bankers' 60 days.....	94¾@94¾
sight.....	95¼@95¼
commercial, long.....	94 @94¼
Brussels bankers' sight.....	5 22¼@5 21¾
Amsterdam, bankers' 60 days.	39¾@39¾
sight..	40 @40¼
com., long.....	39½@39¾
com., sight.....	39¾@39¾
Kronors 60 days.....	26¾@26¾
bankers' ighst.....	26¾@27
Italian lire, sight.....	5.12½@5.07½

THE TARIFF AND IMPORTS.

The question of an early revision of the tariff laws is now prominently before Congress, and considerable interest is manifested by those likely to be affected by proposed changes. In the interval of preliminary discussion and the actual consideration of a revised schedule, it will prove of interest to examine the figures of imports during the past two years, and we have therefore compiled a short table from official reports, giving the amounts of some of the more important articles imported during the past two fiscal years. The figures show few very important variations in the amounts imported, and some of these were unquestionably due to causes other than a change in the rate of duty. In the following table are given the amounts imported during the fiscal years 1890-91 and 1891-92 of the articles enumerated, the unit of quantities being those noted in the dutiable rate: (The imports for the fiscal year of 1890-91 includes about three months under the tariff act 1883.)

Articles.	Rate of duty.	1890-91.	1891-92.
Bicarb' of potash.	3c per ℔	1,234,085	1,058,521
Boracic acid.....	5c ℔	475,377	701,625
Glycerine, crude...	1¼c ℔	11,883,896	13,594,008
" refined..	4½c ℔	446,042	661,339
Linseed.....	30c bus	1,279,238	251,058
" oil	25c gal	8,348	.....
Morphine.....	50c oz	29,564	38,758
Orange mineral...	3½c ℔	1,827,569	1,172,111
Prussiate of potash red.....	10c ℔	38,828	35,933
Prussiate of potash yellow.....	5c ℔	2,223,154	1,302,632
Red lead.....	3c ℔	519,613	812,943
Sulphate ammonia	½c ℔	19,828,645	9,906,590
Ultramarine.....	5c ℔	612,734	627,666
Vermilion	12c ℔	35,000	52,037
White lead	3c ℔	628,414	733,379

The duty on some of the articles usually denominated as heavy chemicals has been under discussion in some of the trade journals, and on these we give the figures separately showing the amounts imported during the last two fiscal years. The amounts imported, in tons, were as follows:

Articles.	Rate of duty.	1890-91.	1891-92.
Bicarbonate of soda.....	1c ℔	339	989
Bleaching powder.....	free	49,623	49,462
Caustic soda.....	1c ℔	34,281	27,867
Sal soda.....	⅛c ℔	12,745	10,049
Salt cake.....	$1 25 ton	7,557	10,029
Soda ash.....	⅛c ℔	145,532	143,251
Total heavy chemicals		250,077	241,627

These compilations will be found convenient by those who are interested in these articles, either as importers, dealers or consumers, and by all following the discussion on tariff revision. We shall, in an early issue, print a tabulated statement of the imports during the last fiscal year, and also during the last fiscal year in which the old tariff law (that of 1883) was in force, from which may be seen the effect the changes in the rate of duty has had on the imports of most of the articles in which our readers are specially interested.

INDORSING THE REBATE PLAN.

The Committee on Proprietary Goods of the National Wholesale Druggists' Association sent out their circular asking an expression of opinion of the wholesale trade on the merits of the rebate plan, its effects, and asking suggestions for improvement thereof, on the 29th ult., to which the answers have, for the most part, been prompt and gratifyingly unanimous in their indorsement of the plan. Considerably over one hundred replies were received, and among these there was but *one* firm which stated they were not in favor of the rebate plan. It is to be regretted that the members of this firm did not give their reasons at length instead of simply stating their dissapproval, as the objections they see to the plan may be of help to its promoters to improve the plan itself or its application. It may be noted that this firm is not enrolled as members of the N. W. D. A., and the reasons which prompted this attitude toward both the association and the rebate agreement may be, and probably are, similar. In these matters they exercise an unquestioned right to hold opinions opposed to the majority of their business associates, and criticism would be improper and unjustifiable.

On reading the replies it will be noticed that those who have considered the question of how best to cut off the illegitimate competitor whose actions have so seriously interfered with the satisfactory working of the plan in the West, strongly indorse the propositions contained in what is known as the Detroit plan. The adoption of this plan by the proprietors would simplify the matter of detecting and closing the sources of supply for the cutting firms. It provides for a list of names of those who are in good standing and entitled to the proprietors' quantity discount as legitimate jobbers and to whom goods may be sold, instead of a long and increasing list of names of dealers to whom goods may *not* be sold, which has thus far proved unsatisfactory by reason of incompleteness. Proprietors can give protection to retailers by withholding supplies from those dealers who are not wholesalers, but who buy for the purpose of cutting at retail.

Whatever defects or shortcomings the plan may have, they have not been brought prominently to the surface by these letters, and the natural presumption, therefore, is that the plan has proven satisfactory to a very large majority of those most interested. It is hoped that a full and free discussion of the whole question will be one of the features of the meeting at Detroit next month, and that the result will be the perfection of the same to a degree which will not leave even one firm withholding its approval. It has thus far proved of great benefit to the trade and possibly it may be so improved as to do much more in the future.

THE DETROIT MEETING AND EXCURSION FROM NEW YORK.

As the time grows short during which the members of the National Wholesale Druggists' Association must decide whether they will attend the meeting at Detroit, October 9th, the disposition to turn out largely and make the attendance greater than ever before seems to be more seriously thought of than when the change of date was first announced. At that time many who were disappointed said they did not think they would go in October. The growing importance of a full attendance and the urgent needs of representation on account of the character of the business that will come before the meeting is, however, exerting a strong influence, and the last reports would now indicate that the meeting will be the largest, most eventful and interesting of any that has been held.

A telegram from Mr. A. S. Brooks, Chairman of the Committee on Arrangements, states positively that the first session will not be held until Monday evening, October 9, at 8 o'clock, although it had been incorrectly reported that the first session would be held Monday morning.

As regards the excursion of the eastern members from this city we hear the most flattering reports. New names are coming in daily, including many who said they did not think they could go when the change of date was announced. The party now promises to be a large and very pleasant one, and the trip will no doubt prove one of the most interesting and attractive of its kind that has ever been made. The wisdom of the committee in not concluding arrangements long in advance have been more than fully justified, as indications now point to much better and more attractive arrangements than could possibly have been fixed a month ago. Everything that would add to the pleasure and comfort of the party has been done, and as new suggestions are constantly coming in it is expected that the details of the arrangements will be considerably improved before the excursion starts.

The members and the friends to accompany them will leave this city on the afternoon or evening of October 7th, and spend Sunday at Niagara Falls, where the party will not fail to spend the day with profit and pleasure. On Monday the party will proceed to Detroit, arriving there shortly after noon.

Among the features that will add to the comfort and enjoyment of the excursionists, is that several prominent houses have expressed a desire to show their good will in a substantial manner complimentary to the wholesale drug trade. The Foster, Hilson Company, 1st Avenue and 39th st., New York, will furnish an ample suply of their "Hoffman House Bouquet" cigars. The Rosbach and Franz Josef Company of 347 Fifth Avenue, New York, will supply through their president, Mr. Elijah J. Malloy, an abundance of their celebrated Rosbach Table Water. This is a very popular table water in Germany, and is considered by many to be superior to Apollinaris. Messrs. Frederick De Barry & Co., 41 and 43 Warren street, New York, have sent, through their Mr. Frank Brickelmaier, a liberal supply of the celebrated "G. H. Mumm's Extra Dry Champaigne."

In answer to many inquiries it should be known that any person vouched for by a member of the association can get the benefit of the reduced rates and other attractions. Parties who wish to go direct to Chicago without stopping at Niagara or Detroit can do so, as the tickets will be good on any trains going or coming. This will enable any of those who wish, to stop at Niagara on the way back, or to start in advance of the party.

As the rate will depend somewhat on the number who go, the committee is making an effort to get the list up to one hundred or more. Quite a number of ladies will be in the party. Those who have not yet sent in their names should do so at once to Wm. O. Allison, Chairman, 72 William st., New York, as it is expected that definite arrangements and details will be fixed this week.

ACTIVITY IN QUININE.

The present improved situation in quinine is the culmination of a period of increasing strength in the article which has extended over several weeks. During the past fortnight unusual interest has been displayed by the consuming element in the trade, the distribution rising to imposing proportions and being accompanied by advancing prices as well as a disposition to purchase beyond the mere routine requirements of the moment. The gradual appreciation of values has brought the quotations of outside operators within close proximity to those of the manufacturers, and this has served to intensify the interest of both buyers and sellers and to stimulate speculation as to the ultimate course of the market.

The causes which have been specially prominent in contributing to this state of affairs deserve to be pointed out. In the first place, it has been

obvious that for a long time buyers have hesitated and abstained from anticipating their wants for quinine, as a result of the disturbances and uncertainty connected with the monetary situation, and holders, under pressure for ready funds, were until recently obliged in many instances to liberate stocks, even in a small way, at very inviting concessions. Now, however, that the financial outlook is more reassuring, and confidence has in a measure been restored, a reaction has taken place and quinine is assuming the position to which many good judges consider it rightfully entitled. The improvement in finances, coming at the time when the fall jobbing demand usually develops, has materially assisted in rescuing the quinine trade from what might otherwise have proved a very depressed, if not disastrous, season.

As an auxiliary factor in the existing situation, reference should be made to the quotations which the producers of quinine have inflexibly maintained for the past six months or more, indicating either an abiding faith on their part in the ultimate strength of the domestic and foreign markets or implicit confidence in their ability to dictate the future course of values. However this may be, operators in the article have undoubtedly viewed the attitude of the manufacturers with undisguised complacency and even in the gloomiest moments of the late markets did not doubt the favorable outcome.

The results of the late auction sales of bark at Amsterdam and London are taken as indicative of the probability that the quinine makers are gradually approaching a stage where they will be prepared to enforce a more satisfactory schedule of prices than has heretofore been possible.

The last offerings of bark at Amsterdam consisted of about one and a quarter millions of pounds, but not more than thirty per cent. of the quantity found purchasers, and the prices realized were at least twenty-five per cent. less than those obtained at the preceding sales. These light purchases, the reduced prices brought by the bark and the disinclination of the manufacturers to oppose each other at these auctions, are presumed to show the operations of an understanding among themselves, involving the policy of controlling the output of bark as well as the production of quinine.

Abroad the situation is represented as strong, and foreign holders have apparently so much faith in the value of their property that they are manifesting no inclination to waver on quotations. Our local supplies, according to good authority, are undoubtedly much lighter than they were a month ago, and this fact adds to the strength of the prevailing feeling in the market. So far as the importations are concerned, it is noted that the quantities of quinine and other cinchona bark products brought forward this year up to date are slightly in excess of those landed during the corresponding period in 1892. The probable explanation of this circumstance is that the output of the American factories has decreased and that extra supplies of quinine were needed to meet the deficiency. In support of this theory, it is mentioned that the importations of cinchona bark into the United States for the fiscal year ending June 30, 1893, was about one million pounds less than the receipts for the preceding fiscal year, it being assumed that the bulk of this bark was intended to enter into the manufacture of domestic brands of quinine.

That the article now occupies a trong position is conceded and that the prospect seems favorable for continued firmness is equally promising, if we may judge from the practically unanimous expressions of the trade on the subject.

THE SITUATION IN CUTCH.

There have been few times within the past year or two when the prices realized for cutch were as low as those which are now being accepted by holders. It is true that during the prevalence of these low prices there have been times when a better feeling has prevailed, but this was due entirely to temporary causes, the market lapsing back into its former quiet and depressed condition as soon as these ephemeral influences had exhausted their force. Various have been the causes assigned to account for this abnormal dullness, but the apathy on the part of buyers and their unwillingness to invest more largely than for actual requirements, seems to be the cause generally accepted. That the purturbed financial conditions were the prime mover in these depreciation of prices is true, the slow collections, the attitude of banking institutions toward their clients causing many factories to close operations that otherwise might have continued—all lent its direful influence. Then again, as prices had sagged down considerably, many consumers who thought that the situation would be more lasting, held off awaiting further depreciation, but importers who were ready to sacrifice part of their profits, refused to surrender the whole and thus ceased to press their goods on the market. As a natural result supplies accumulated and at this time are more than sufficient for ordinary requirements. The government returns show that that the imports of cutch for the earlier portions of the year were very large and as the consumption was lessened greatly, due to causes already mentioned, the different distributing centers must, of a necessity, be abundantly supplied. It is thought, however, as the arrivals of the year from this time on will be greatly curtailed, the primary market showing greater strength than this, that under a vigorous demand, the several consuming outlets re-opened, that the advent of the new year will witness the return of healthy and remunerative prices.

The total shipment from Calcutta to American ports during the first half of the present year amounted to 34,776 bags, as against 55,454 bags during same period of 1892. Those for the year 1892, was 78,168 bags; 1891, 36,704 bags, and for 1890, 37,868 bags.

OUTLOOK FOR LINSEED OIL.

The sudden and sharp decline in the price of linseed oil and the uncertainty which obscures the future of the article have aroused unwonted interest in the trade and no little perplexity is felt at the eventual turn that affairs may take. The long period of steadiness which preceded the late collapse of values induced many to believe that uniform quotations would be a feature of the business during the balance of the present year, and naturally the unexpected change in the complexion of the situation, was not only a surprise but also a bitter disappointment to a large number of interested parties. The leading causes which are presumed to have precipitated the crisis have heretofore been reviewed in these columns, but a few late and material developments should be noticed in this connection in further explanation of the continued downward course of the market. It has transpired that up to the time when the first decline occurred an understanding subsisted between the combination of crushers and the independent producers, whereby the maintenance of a regular schedule of quotations was made obligatory on all concerned. This agreement was for a term which expired during the latter part of August, and as the arrangement named extended to nearly every mill in the country, it was a comparatively easy matter, while they shared each other's confidence, to exact full prices on the sale of oil. As the time approached for the termination of the compact, it became evident that disturbances would ensue, and without waiting to be released from their obligations, it is asserted that some of the Western crushers took the initiative, covertly at first, but openly afterwards, of cutting prices and thus inaugurating the demoralization from which the trade is now suffering. Their chief incentive for commencing this war fare, it is believed, was the dull condition of business immediately preceding the break and the financial pressure felt throughout the trade, which forced many into an effort to realize on their stocks. The relations between the crushers became strained and the fierce competition which has since prevailed, became established. Within the past few weeks the friction and antagonism between the contending factions has increased and in order to counteract the existing depression and restore values to their former position, a meeting of the most influential crushers and dealers was called to assemble here this week, but for reasons which are not yet definitely known, only a few persons were in attendance, and the proposed conference did not take place. It is rumored, however, that the attempt to hold the meeting will be repeated at an early date. From these circumstances it is obvious that the producers of oil are not only anxious but uneasy at the prospects afforded by the present surroundings. Many of them doubtless realize the difficulties to be encountered in an effort to conciliate and hold under restraint the rank and file of the crushing fraternity, whose disaffection and loss of confidence in the stability of pledges and promises are deep seated and virtually insurmountable. That success can attend a conference as outlined, is regarded as very questionable under the aspects of the situation and the outcome of the movement will be watched with eagerness. The demoralization of prices has brought the value of oil down to a point where manufacturers claim that no profit is left for them, but as these assertions are common that argument loses much of its force.

In view of the perturbed situation in linseed oil, the conflicting opinions on the prospects, the antagonistic tactics of the western crushers and the widespread demoralization of values, it would be reasonable to anticipate an indefinite continuance of the present depression.

AUGUST PETROLEUM STATISTICS.

The monthly report of the several pipe lines has been made public and the usual tabular statement will be found on another page of this issue, giving full details, with comparisons of production, consumption and stocks. The report is decidedly bullish in its tenor and contains several features of special interest. An increase in production was not looked for, the field reports leading us to expect that the runs during August would barely reach those of July, although the production of the new wells showed a small increase. The reduction in stocks has been large, however, and while the deliveries fell below those of July they were nevertheless largely in excess of the average of the preceding seven months of the present year. The probabilities are that consumption will continue fully up to the average of the past eight months and this will mean a continuous drain upon the suplus, which is now being reduced at the rate of about half a million barrels per month. There is, of course, the possibility that a new pool of some magnitude may be discovered which will, for a time, check the decrease, and the higher prices that are regarded as assured the producer, may also stimulate development work in the fields to an extent which will accomplish the same result by the increased number of wells drilled; but the conclusion appears to be a natural one, that the fields in the Pennsylvania oil regions are no longer equal to the demands being made upon them, and that the time is not far off when other sections, more remote, will have to be developed to meet the world's requirements.

The production in the Pennsylvania fields during August was 2,752,364 barrels, which shows an increase over the July production of 116,658 barrels. The average daily runs during August was 88,786 barrels, while the average in July was 85,022 barrels. The daily average in August exceeds that of the preceding seven months by over four thousand barrels, but falls short of the daily average of 1892 by 767 barrels. The deliveries reached a total of 3,247,322 barrels, which shows a falling off of 70,998, but they were the largest in amount of any month in the history of the industry, July alone excepted. The deliveries during August have brought the average for the eight months near 3,000,000 barrels, and it is probable that this average will be reached for the entire year. The stocks in possession of the pipe lines at the close of the month amounted to 14,499 090 barrels, which shows a decrease during the month of 429,589 barrels. The decrease in stocks since the beginning of the year now amounts to 2,896,299 barrels, which is at the rate of 362,037 barrels per month. The decrease has now been steady for eleven months, during which time there has been a shrinkage in stocks to the extent of 4,345,847 barrels.

The report of the Buckeye Pipe Line Company, giving the statistics of Ohio oil for the month of August, differs materially from the other. The runs during August amounted to 1,390,894 barrels, which is an increase over the July runs of 100,903 barrels, and an increase of 218,100 barrels over the average of the eight months of the present year. The production in August is also the largest in the history of the Ohio fields. The deliveries during August amounted to 1,040,860 barrels, which shows a decrease of 111,514 barrels, and is 189,697 barrels less than the average of the eight months of this year, and 345,118 barrels less than the average of the twelve months of 1892. The stocks at the close of the month amounted to 18,129,767 barrels, making the increase during the month 350,034 barrels. Notwithstanding the increase during the last four months the stocks are still 474,675 barrels smaller than they were at the beginning of the year.

IMPORTS AND EXPORTS FOR SEVEN CALENDAR MONTHS.

On another page will be found a tabular statement of the imports and exports for seven calendar months, together with a comparison with the seven months ending July 31, 1892. In the generality of articles enumerated under this heading there exists

too little difference to require special comment, but in those few where a great dissimilarity occurs, either as increase or decrease, we make editorial reference.

Among the many imports for the period under review, argols, or crude tartar, is distinct, there having been over 3,000,000 pounds more delivered for consumption during the past seven months than during the corresponding period of 1892. The imports of cinchona bark show a decided decrease, as only 1,468,168 pounds were delivered during the seven calendar months of 1893, as against 2,329,018 pounds for the same period of 1892, a gain of the former over the latter of 860,850 pounds. Comparing the imports of cutch and gambier, an enormous increase is shown, the actual figures as compiled being: 1893, 23,351,993 pounds, and for 1892, 14,370,127 pounds. The imports of indigo show a decrease of about 75,000 pounds. The increased demand from the south for fertilizing material has resulted in greatly increasing the imports of muriate of potash, it having been proved that the enlarged cotton crop of 1892 was directly due to its efficacy. The compilated figures as given are 40,748,339 pounds for 1893, as against 35,577,019 pounds for 1892. Opium evidences a decrease of 17,248 pounds. Sulphate of quinia continues in excess over former corresponding periods, due to the inclemency of last winter. The figures, however, do not at this time show as great a dissimilarity as was set forth earlier in the present year. The figures as presented are: 1893, 2,131,340 ounces; 1892, 2,123,246 ounces. Glycerine is computed as being 1,000,000 pounds in excess. The imports of ground sumac, due to the greater demand, evidences a gain of 2,624,428 pounds over 1892, the statistician giving the figures as follows: 1893, 9,822,785; 1892, 7,198,357 pounds.

The exports of ashes, pot and pearl, show a decrease of 416,494 pounds, as against 1,100,679 pounds in 1892. In like manner alcohol is also conspicuous, 124,764 gallons having been delivered for foreign consumption in 1893, as against 1,088,031 gallons for the corresponding months of 1892. This is said to be partly due to the disrupted condition of distillers and to the continental markets being glutted. The exports of fish oil show a contracted volume, but as the season's work of 1892 was exceptionally unproductive there was left only a small quantity for foreign consumption. In fact, at the close of the season oil was imported as an offset. The exports of paraffine wax, as defined by the United States statistician, gives additional proof of the heavy requirements of this article for foreign manufacture. The figures as presented show that in the seven months of 1893 52,594,198 pounds were delivered for consumption as contrasted with 36,324,651 pounds during the like period of 1892. A decided increase of 16,269,547 pounds.

TRADE ITEMS.

Asphalt mines have been opened near Russellville, Ky.

Large deposits of yellow ocher have been found in Lake county, Fla.

W. M. Braser & Co., this city, oil cloths, are closing up their business.

L. Nicholsburg has secured a judgment of $520 against the Eagle Distilling Co.

Mr. Sydney Leech and Mr. Thos. Robertson, of Leech, Neal & Co., arrived last week.

R. F. Cronwell has secured a judgment for $141 against the Rogaline Manufacturing Co.

The Geyserite Soap Co., has been organized at Denver, Col., with a capital of $150,000, to manufacture soap, soda, etc.

L. M. Simons and W. H. Wilson have established a candy manufactory at Brenham, Tex.

A judgment for $146 has been secured by S. E. Capers against the Stearns Fertilizer Co.

The Philadelphia Fertilizer Co., has been organized at Philadelphia, Pa., with a capital of $250,000.

A judgment for $381 has been secured by Enoch Morgan's Sons' Co. against John Bischoff and Christian D. Postel, jr.

The Quaker City Glass Co., has been organized at Quaker City, O., with a capital of $25,000, to manufacture window glass, etc.

The Chas. Schatziein Paint Co., has been organized at Butte, Montana, with a capital of $25,000, to deal in paint, oil and glass at wholesale.

Last week F. W. Ostrom and Orange Merwin were appointed receivers for the Lincoln & Ostrom soap works at Bridgeport, Conn. The capital stock of the embarrassed firm is $50,000, and the number of men employed fifty.

The Aldag Paint and Varnish Co., has been organized at Indianapolis, Ind., with a capital stock of $12,000, to manufacture paint, oil, varnish, etc.

An injunction was recently granted by an English court against a dealer in Bath who had been selling pills of his own manufacture resembling in appearance Carter's little liver pills, representing them to his customers as being the genuine American make.

Messrs. Bayless & Beckalow, Binghamton, N. Y., offer 82 % crude wood alcohol at 70 cents per gallon. This is not a new concern, having been established in 1867, and their product has uniformly proven satisfactory. They wish it understood that they are not connected with any trust.

A whale weighing fifty-seven tons was washed ashore near South Bend, on the Pacific coast, last week. Scientists say it was 986 years old, which is within fourteen years of the extreme allotment of whale life. It measured 174 feet 8 inches in length and is estimated to be worth $10,975.

In all this great and glorious country only one man has been found who ought to read the REPORTER but who does not. A corn cure man of Jersey turned up at Detroit September 11th to attend the N. W. D. A. meeting, and was very much surprised to find the gathering so small—no Menn-en attendance but himself.

The loss of the turpentine men through Georgia by the recent storm will be about 10 per cent. Crops were also badly injured. A concern at Lyons has commenced a new industry in the manufacture of lampblack. The stuff used in its manufacture will be the cotton batting that is used in straining rosin, and the chips and trash that are skimmed off the still.

Suit for $100,000 damages has been instituted by T. J. Preston & Co., oil manufacturers, Newark, N. J., against the Newark Electric Light and Power Company, whose works adjoin Preston & Co. The latter allege that their factory and stock have been damaged to the extent of $100,000 by the vibration of the electrical machinery used by the electric company.

Chief Judge Ehrlich of the City Court granted judgment last week on a note for $500 in favor of the Paterson National Bank against Horace K. Thurber, the maker, and John H. Downes, the indorser. The note was executed by F. B. Thurber under a power of attorney from Horace K. Thurber on June 10 last for two months, and it passed to the bank through Downes.

At the World's Congress on Social and Economic Science at Chicago last week attention was given to the question of weights and measures, and of coinage. Judge A. N. Waterman occupied the chair. He made a brief introductory speech, in which he advocated international coinage. He said there should be international mints, and also an international system of weights and measures.

The Palmer-Willock Manufacturing Company, Brooklyn, N. Y., successors to Saidie Palmer, make a specialty of every description of advertising marter for manufacturers of ready mixed paints, coach and car colors, wood stains, graining colors, etc., and have ample facilities for turning out satisfactory work. They will send proofs for approval, so that there may be no mistake in sample color cards as to shade, gloss, etc.

The British Consul at Buenos Ayres reports that the decrease in the export of linseed, since 1885, does not imply a decrease in the production of that product. On the contrary there has been a very great increase, but the local home consumption has been enormously increased by the rapidly increasing national manufacture of oils, which was not the case formerly. And the importation of foreign oils has decreased correspondingly.

The Stassfurt Potash Syndicate has fixed the following prices for the potash salts used in the Eastern provinces by agriculturists for manure, a sliding scale having been adopted based upon the relative distances of the destinations to which consignments are sent: Kainit, 1·50 M, per metric ctr.; karnallit 90 pfg. per mtr. ctr.; sylvinit, 2·30 M. per mtr. ctr.; and concentrated potash manure 8·25 M. Purchasers at a distance of more than 400 kilometers will be allowed a reduction of 1 pfg. per mtr. ctr. for the crude salts and 2 pfg. for concentrated salts for every 20 kilometers.

Messrs. Schering & Glatz, this city, are sole agents for the United States for betanaphthol-bismuth, cresol-bismuth, phenol-bismuth, pyrogallol-bismuth and tribromphenol-bismuth manufactured by Dr. F. von Heyden's successors in Radebeul near Dresden, Germany, and supplies may now be procured of these preparations without delay. Circulars giving the results of clinical experiments with these preparations will be mailed on application.

The valuable whales have about all disappeared from the North Pacific. Behring and Okhotsk seas no longer contain them, and the Arctic ocean is the only recognized whaling ground left. There are but fifty whalers now afloat in the western ocean, while a half century ago there were 600 of such ships. There are ten steam vessels in this fleet, and the rest are relics—ancient barks and brigs that date from the long ago, are seldom insured and with difficulty secure crews.

The disastrous cyclone which swept up the Atlantic coast from the West Indies recently causing great damage everywhere in its path, wrecked completely the phosphate dredging plants of the Coosaw river mining companies of South Carolina, and, of course, it has cut off thereby the production of phosphate rock from that source. This will cause, therefore, a restriction in output of about 10,000 tons per month until operations are rssumed again on the same scale as heretofore.

The naval stores buyers, who now own practically all the stock on the wharves at Savannah, have reached an agreement by which they are getting deliveries from the Savannah, Florida & Western R. R., and Harmon's wharves from the stock of rosin and turpentine which was damaged by the storm. The total loss from the storm, the buyers think, will not go over one-half of one per cent. This is by no means small, however, when it is considered that there were 137,000 barrels of rosin on the wharves. This means a loss of about 700 barrels of rosin, besides a large amount of turpentine, which was also destroyed.

The paper-bottle works at Glassboro, N. J., have shut down, and it is reported that operations will not be resumed. This establishment is the only one of its kind in America, and with the closing of the doors a unique industry will be abandoned. Paper bottles are comparatively a recent invention, and their market is limited principally to two-ounce ink bottles. They were largely used in export trade, where duties are levied according to gross weight, as they only weigh one-third as much as glass and are non breakable. The bottles are made by machinery, and but little hand labor was required in their manufacture.

A fire broke out on the top floor of No. 60 Pearl street early last Tuesday morning that proved very stubborn. It started in the storeroom of Minnett & Co., dealers in varnish, and the stock, which is said to have been large, was completely destroyed. An explosion was caused by the combustible stuff which blew off the roof and part of the rear wall. The fire then worked its way down to the third floor, occupied by Olmstead & Co., manufacturers of chemicals, where it burned fiercely. The building was damaged to the extent of $10,000, Minnett & Co.'s loss is estimated at $8,000, and Olmstead & Co.'s at $1,000. Buildings on each side were damaged to the extent of about $8,000.

☞ *For other items see page 25.*

PETROLEUM NOTES.

The world's greatest gas well has just been completed by D. T. Davis, on the Ross farm, in Case township, near the Findlay's new 18,000,000 foot gusher. The newest well is good for 50,000,000 cubic feet a day.

Interesting statistics about the petroleum industry of Pennsylvania are given in the report of Chief Bolles, of the Department of Internal Affairs. A larger percentage of oil product is sent abroad than that of any other product except cotton. A gallon of oil in bulk cost in 1861 not less than 58 cents, and in 1892 not more than three and a half cents. Pipe lines aggregating 25,000 miles have been laid, and 59 bulk steamers are now employed in transporting the oil to foreign countries. The total capital invested in the oil industry of the State, including vessels and pipe lines, is $300,000,000.

The St. Helens, a new tank steamship sailed hence last week with the largest cargo ever shipped. Unlike other tank steamers her engines are located directly amidship. Usually in tank steamships the engines are placed well aft, leaving all forward of the engines unobstructed. Besides this a greater degree of safety is assured by having the furnaces remote from the highly inflammable cargo. The engines of the St. Helens are inclosed in a steel bulkhead, and while practically surrounded by the cargo, the danger of ignition is no greater, and better speed is attained. The new vessel's tonnage is 4,007. She is schooner rigged, built of steel, and has ten compartments for carrying oil.

At Canton the importation of kerosene in 1892 was less than that in 1891 by 1,333,0000 gallons. At Kowloon and Lappa, however, says the British consul, the importations show a very large increase, so the aggregate for the three ports was 2,258,006 gallons above that of 1891. It will be remembered that kerosene was one of the chief foreign commodities for which transit passes were used in 1891 and the early part of last year. In 1892 there were sent into the idterior, chiefly to Kuang-si, under transit pass, 61,970 gallons, of which 2,000 gallons were Russian and the rest American. The importation of Russian kerosene in 1892 at Kowloon and Lappa was beyond that of 1891 by the large amount of 853,567 gallons.

The tank steamship Astral, which usually crosses the ocean in about sixteen days, has not been heard from since she left Shields, in ballast for this port, on July 24, nearly two months ago. She delivered a cargo of oil in bulk at Stettin two months ago, and sailed thence on July 19 for Shields, where she coaled for the voyage westward. She carried a crew of about twenty five men, most of whom were shipped at British ports. She was built at Newcastle in 1889, measured 2,249 tons, and was driven by triple expansion engines. She usually took a high northerly route, and may have met disaster by collision by an iceberg. There were no great storms in the latter part of July and the early part of August that would have been likely to overwhelm the Astral.

The existence of petroleum in the Emilia and the Province of Chieti, Italy, has been known for a long time, but the exploration of the various sources has been very indifferent. Recently, however, attention has been turned to the finding of sources of petroleum, there being no tax on the native production, whilst foreign petroleum is subject to a duty of 48 lire per 100 kilos. The Emilia supplies by far the best native petroleum; it is light, clear, opal colored, and contains little bituminous matter; 50 to 60 per cent. of oil for burning, are obtained from it. The spirit of enterprise is now particularly directed to the "Emilia," where a great many borings have lately been made. According to the *Deutsche Handels-archiv*, the value of the oil obtained which in 1882 reached only 86,845 lire, was in the year 1991, 328,800 lire. The principal refinery is in the Province of Parma.

The old pools of Wood county have turned the meridian of their life and are slowly, but surely passing on to their final end. The field was discovered in 1888 or 1889, and reached the height of its glory in July, 1890. The largest well found in the pool belonged to J. S. Landy, located on the Nichols farm, in the northeast quarter of section 15, Montgomery township,

When first struck, it started off at 500 bbls a day and it really gave the field its boom. The average of the new wells, when the field was at its best, was 40 bbls a day, but the average now of new wells is not more than 15 bbls a day. It is safe to say the average production of the wells in the center pool is not more than 6 or 8 bbls a day. The territory has good staying qualities and there are a number of wells drilled some five years ago that are still making a fair production. Its highest production was never more than 8,000 bbls a day, while its present, on a conservative estimate, is not making more than 4,000 bbls a day.

OBITUARY.

JOHN M. MAISCH.

On Tuesday last came the announcement of the death of Prof. John M. Maisch, at his home in Philadelphia. Johann Michael Maisch was born in Hanau, Germany, on January 30, 1831. He received a scientific education, and, in consequence of his taking part in the Baden Revolution of 1848, emigrated to the United States in 1849, where he made his first acquaintance with pharmacy, serving in the capacity of an assistant in Baltimore, Washington, Philadelphia and New York. He also passed some months in a chemical factory. In 1854 he became associated with Professor W. Procter in the editing of the *American Journal of Pharmacy*, this being the beginning of a literary career which has continued up to the time of his death. In 1859 he acted as an assistant to Edward Parrish in his private school of pharmacy for medical students, and in 1861 was appointed professor of materia medica and pharmacy in the New York College of Pharmacy, at the same time working in Squibb's laboratory. He left New York after two years to undertake the management of the U. S. army laboratories which had been established in Philadelphia. This he held until the end of the war, effecting during his two and a half years' office a saving of between three and four million dollars. After this work Mr. Maisch opened a pharmacy in the Quaker city, continuing meanwhile his literary labors, and in 1867 was appointed professor of botany and materia medica in the Philadelphia College of Pharmacy. He has acted as permanent secretary to the American Pharmaceutical Association since that date. He holds the honorary title of Doctor of Pharmacy from the Maryland College, and of Magister of Pharmacy his *alma mater*.

J. C. EASTMAN.

A telegram was received on Tuesday last announcing the death of Mr. J. C. Eastman and his son Jay. R. Eastman at Havana, Cuba, of yellow fever. Mr. Eastman came to this city in 1885 and organized the firm of Edsall, Eastman & Brigham, refiners of mineral oils, and established a plant in South Brooklyn. Later he became identified with A. C. Bunce under the firm name of A. C. Bunce & Co. They continued in business until about ten years ago when their interests were merged in those of the Standard Oil Co. He then went to Havana, where he continued in the refining business until his sad death occurred. Mr. Eastman was a man of exceptional character, an earnest business man, a good husband and a kind father and his death will prove a sad blow to his many friends in the oil trade.

CORRESPONDENCE.

You're Wanted at Detroit.

INDIANAPOLIS, Sept. 1, 1893.

Editor OIL, PAINT AND DRUG REPORTER:

That members of the drug trade who hesitate about attending the Detroit meeting of the N. W. D. A., for reasons of economy, or of personal convenience, should ask himself squarely, "Would my business benefit by the abrogation of the reforms which the association has built up after years of effort?"

If he answers himself in the negative, as he undoubtedly will, let him then ask, "Do I not owe it to myself, to my business and to my friends, that I put aside the selfish feeling which makes me hesitate?"

The times have been hard, and uncertainty has been the bitter daily bread of all of us; but how very much worse it would have been, if every man's hand had been turned against his neighbor; if instead of the benificent operation of the rebate plan, there had been a stupid, brutal, slaughtering of prices: if instead of friendship and mutual esteem, there had been hatred, suspicion and distrust.

No one supposes for a moment that the present system of selling proprietary articles is flawless in its working; any more than he believes that a sense of universal brotherhood is an underlying and fundamental principal of human relation.

But to reduce the number of lapses occurring in the system, and to foster a feeling of inter relation and mutual responsibility, is certainly a far seeing and progressive policy, and that is precisely the work which the association has in hand.

A man who has been in any way derelict, is more apt to remember it when he comes face-to-face with his fellows, and to go home from the meeting with a renewed and strengthened resolve of right-doing.

The cutters, the kickers, and the renegades of all sorts and conditions, do not attend the meetings of the association. It is the men who are actuated by higher motives and purer aspirations than mere animal greed, who leave their desks, and relinguish their pleasures, to meet once a year in convention.

It needs no prompting, ordinarily, to bring every good man and true, promptly at the call of the president, and it is apparent even now, that the Detroit meeting will be largely attended. But to those who hesitate for any reason whatever, we say, put aside, for one little week, your individual affairs, and do your plain duty by taking up the affairs of the whole.

Though you may make no motion, speak no speech, tell no story, or even cast a vote, your presence will be an earnest of good faith.

Therefore, we say, by all means go.

REBATE.

A Correction.

PITTSBURGH, Pa., Sept 14, 1893.

Editor, OIL, PAINT AND DRUG REPORTER:

Referring to your issue of 11th instant we find that your compositor or Mr. Kline's secretary has made too "free" with our reply to his circular by inserting that word in our reply to his fourth question.

We wrote, "No. There are twice too many on the list now."

You print it, "There are twice too many on the free list now."

Ordinarily we do not correct or explain when we are misquoted in print, but this is a case where our convictions are so decided that we desire to stand right on the record.

If the contract plan fails it will be simply because it has been overloaded, and we regret to find so many leading dealers in favor of increasing the list rather than cutting it down to a point where all contracts can be enforced.

L. H. HARRIS DRUG CO.
L. H. Harris, President.

MISCELLANEOUS.

The Humphreys Golden Wedding.

Comparatively few couples are spared to enjoy the pleasure of celebrating the fiftieth anniversary of their marriage, their golden wedding, but such was the good fortune of Dr. Frederick and Mrs. Humphreys in August

The reception took place at Monmouth Beach, their country seat, of which there is none handsomer on the Jersey coast, the grounds running to the broad Atlantic; the beautiful house of "many gables" was even more attractive than ever, when decked with golden flowers, and when there was gathered beneath its spacious roof, children, grand children, kinsfolk and friends from far and near.

The dresses of the ladies, the strains of sweet music, the fragrance of flowers, and the many rich and rare presents, gave the effect of fairy land.

The scene seemed complete, when the central figure, erect and handsome as of yore, Dr. Humphreys, and his sweet faced wife, children, grandchildren and friends, stood while the golden Loving Cup was passed from hand to hand. Each sip of the rich wine was accompanied by a silent prayer for the continued happiness of our host and hostess.

All their children and grand-children were present: Fred, H. Humphreys and wife, with their two children, Frances and Frederick. The Rev. F. Landon Humphreys and wife, with their three children, Helen, Landon and Malcolm. Fanny B. Humphreys, widow of Jay Humphreys, and her two children, Jayta and Frederick. There were also present Dr. Humphreys' sister, Mrs. Cooke, and Mrs. Humphreys' sister, Mrs. Mowe.

[From our regular correspondent.]

Borax and Quicksilver in California.

SAN FRANCISCO, Sept. 4, 1893.

The riches of our borax deposits are now beginning to attract general attention amongst capitalists and the public generally. The borax works in Oakland have been shut down for a while, but probably not for long. This is simply in line with the general depression of business felt in California as well as elsewhere, but the great wealth of our borax deposits cannot be affected by any temporary causes such as the dullness referred to. Nevada is full of deposits of this nature, more or less valuable. San Bernardino county, in this State, has very rich deposits of borate of lime, known as colemanite. Curry county, Oregon, has a deposit of a very fine kind, known as priceite. We, however, very seldom have any from our sister State.

There were very heavy exports of borax during August—899,030 lbs. by sea, of which 802,965 lbs. went to New York, 93,773 lbs. to England, and 2,322 lbs. to Australia. The value of this was $63,000. The borate of the Pacific coast is entirely free from coloring matter and from iron. There are now two vessels loading, one for New York, the other for England. The exports for the year to date have been less than for the corresponding period in 1892.

Some time since there was a reduction of $3 a flask in quicksilver, but since my last letter there has been a movement in the contrary direction, an advance of 50 cents being scored. The quotation now is $40.50@41. There was a considerable reduction in the receipts of quicksilver until the past three or four days. On one day 697 flasks came to hand. This brought up the total receipts of the month to a little over 1,900 flasks. This, however, has been less than for some months past. Receipts to date have reached 17,000 flasks as against about 14,000 flasks for the same time last year. The export movement has been light during the past two weeks. For the past week there was none. The exports by sea to date have been 10,523 flasks. The total exports by sea and rail have been about 1,600 flasks more during the present year to date than during the past. In regarding the receipts we must always bear in mind that New Almaden never sends her product to this city, but that it is either shipped East or to consumers; but the product of this once famous mine now cuts little figure in the grand total and probably will never again attain to its old fame, as the possibility of striking anything new in the line of ore veins decreases steadily, and Santa Clara will in this matter have to yield the palm to her newer and more vigorous competitor, Napa, whose importance as a quicksilver producer increases daily.

The Trade on the Rebate Plan.

We this week continue the publication of the letters received by the Committee on Proprietary Goods of the N. W. D. A., in response to the circular inviting an expression of opinion on the rebate plan:

San Francisco, Sept. 5, 1893.

We are in favor of the continuance of the rebate plan, believing that it gives to wholesale druggists the opportunity of making more money on patent medicines than they would if this plan was not in operation. We would regret to see it broken up and the wholesaler compelled to sell this important line of goods without the protection which the manufacturer is now giving them. In our territory we believe that the contract is lived up to, as we hear of no complaints among the wholesale houses of its being violated, and the jobbers, so far as we know, are in sympathy with the plan and desire to see it maintained.

We deem it desirable to try and induce those proprietors of patent medicines who as yet have declined to sell their goods on the rebate plan, to adopt it. By means of the rebate plan of selling patent medicines the ruinous competition which existed in the past with this line of goods is taken away, and we are permitted to make a fair profit on them. It is for the benefit of the manufacturers, in our opinion, that this plan should be continued, as the profit that we are making on patents sold under the term of the rebate contract makes it an object for us to push their sale. Should this protection be withdrawn, and we are obliged to sell them without a profit, it would result in their sale being discouraged as much as possible by the jobber, who would give preference to those articles that paid the largest proportion of profit.

REDINGTON & CO.

Boston, Sept. 6, 1893.

Responding to your circular letter, we would say we are not and never have been in favor of the rebate system.

WEEKS & POTTER CO.
per W. G. NUDORF, Treas.

Louisville, Ky., Sept. 7, 1893.

In response to inquiries with reference to our views as to rebate plan, we would say:

First. We do not hear more complaints of evasion or violation of the the terms than formerly.

Second. It is generally and faithfully maintained.

Third. We have no personal knowledge of members desiring to be released from contract terms—on the contrary, there is a general desire to maintain the system.

Fourth. We consider it very important that every proprietor of prominent articles should be induced to place their articles upon the list of rebate goods.

Fifth. We believe that the present system is as good as can be devised. No system can be planned which would be perfect. The system, we believe, is important to the interest not only of the wholesale drug trade, but as well of the proprietors of popular remedies.

We trust no action will be taken by the National Wholesale Druggists' Association looking to any change—on the contrary, we trust the united efforts of the members of the association at the Convention in Detroit will be directed to the maintenance and strengthening of the system in the interest of the whole trade.

Any member who will reflect upon the condition of this department of the wholesale drug business before the organization of our association will call to mind the fact of the unsatisfactory prices obtained, in fact, not only was the cost of handling not added, but in many cases the goods were sold at about first cost.

This line would certainly get back into the same unfortunate condition without the protection afforded by the present rebate plan. The effects of the evil would be at present greatly more detrimental because of the fact of the increase in the proportion of the sales in this class of goods.

We desire to express here our appreciation of the earnest and faithful efforts made by yourself and members of your committee in the discharge of the laborious duties entrusted to you in the management of this the most impertant branch in the work of the association.

ROBINSON-VETTET CO.

Baltimore, Sept. 9, 1893.

In reply to your inquiry, we would say that there has been less trouble with us during the past year than during any previous one.

The trade here recognizes that a uniform price gives better satisfaction to a greater number than a varying one. A steady market is safer than a speculative one, and while some prefer a vacillating price, such as is given to goods that are not sold under contract, it is certainly safer and every one feels more security in buying goods that they feel have a fixed price and at the same price as their competitors.

We find it easier and less expensive to sell goods that are on the contract plan. We do business with less friction under the rebate system than we did before. Our customers are willing that we should make a living, and while there are a few to whom we sell that offer objections to the rebate plan, the percentage of faultfinders is very small.

We have stores that seize any prominent article in the market and advertise it at cut rates, but these items are not always goods that are sold on the rebate plan. They will take anything that happens to be well advertised, no matter whether a rebate article or not.

The rebate plan of selling goods is a good plan, and our only regret is that it does not include every item of patent medicines that is made. If such a thing could be accomplished, the maker, buyer and seller would be, we think, better satisfied than they now are.

The contract plan is not so perfect that it may not be avoided, but where is there a plan that has not been broken into? It is the best one today that we have ever had, and although some few may avoid its rules, it gives many more an opportunity to adhere to them.

There appears to be a preference

NATIONAL LEAD COMPANY'S

Pure White Lead Tinting Colors

are having an enormous and daily increasing sale.

Beautifully Painted Houses are their best advertising signs,

Painters Everywhere attest their uniformity of strength and color as well as their great convenience to the painting trade.

Every Paint Dealer should carry a stock of the National Lead Co.'s Pure White Lead Tinting Colors.

NATIONAL LEAD COMPANY,
1 Broadway, New York.

among the retail trade for such preparations as we are not permitted to sell in lots of less than ¼ dozen, except at an advance over list prices.

We trust that some effort will be made at your next meeting to add to the list the names of the houses who are still outside.

GILPIN, LANGDON & CO.

Pittsburg, Sept. 11, 1893.

We take pleasure in stating that we have had less trouble in getting full rebate prices this year than in any previous one, and we believe that the schedule prices are very generally maintained by the jobbing druggists of our city, and our competitors in Pennsylvania and Ohio.

Of course, we hear occasionally of deviations from contract prices, divisions of full quantities, etc., but find upon investigation that the most of these are groundless, and balance not serious enough to disturb the maintenance of prices. The most serious trouble we have arises from sale by proprieters to wholesale grocers, who, as a rule, are not careful to observe the schedule. There can be no doubt that the plan would be greatly strengthened by proprietors selling only to jobbing druggists. If this could be accomplished, proprietors would find it comparatively easy to enforce the terms of their contracts. We do not think it desirable to induce any more proprietors to place their goods on the rebate plan, unless they have considerable sale and sell from fifty cents and upwards. We think, also, that when the sale of the rebated article will not justify the purchase of the manufacturer's quantity, it should be dropped from the list. We have a considerable number now on the list that should be stricken off.

As to the desirability of retaining the rebate plan we think there can be but little difference of opinion. This class of goods forms so large a part of the business that some form of protection from loss is absolutely necessary. Before this system went into operation these goods were sold at about or below real cost, and their rapid increase in number seriously threatened the stability of the drug trade throughout the country. During its operation these many years, the trade has been undoubtedly in a healthier condition, and in our opinion, should the rebate plan be abandoned, the same perilous condition would soon follow, as before it went into operation.

The rebate plan remains about the same as when first introduced, and is based upon the mutual honor and loyalty of both proprietors and dealers, and considering what it has accomplished, it is worthy of admiration. It has worked so well that there has been a reluctance to amend it.

It is now very evident that some plan should be devised that will prevent supplies from reaching some parties who are known to pay no attention to the schedule prices, and who are making capital out of the honorable observance of the contracts by others. We sincerely trust that at the coming annual convention such adjustments will be made as will result in the perpetuation of the rebate plan.

GEORGE A. KELLY CO.
GEORGE A. KELLY, Pres.

Grand Rapids, Mich., Sept. 1, '93.

Rebate prices are generally maintained in this territory, and we hear of no evasions or violations except from Cincinnati.

We think your information in rerd to any member desiring to be released from contract terms, is not correct. This is indicated by the many meetings of the local exchanges and their resolutions to abide by the rebate terms.

We think it very desirable to induce proprietors, whose goods are still on the free list, to place their goods upon rebate terms. Patent medicines are now such a large proportion of the sales of wholesale druggists. that the return to the competition of former days, and selling them on a profit of from 1 to 3% would be ruinous.

We think the resolution adopted at Detroit, to prevent evasion, is the best yet offered, and hope to see it adopted by the proprietors.

HAZELTINE & PERKINS DRUG CO.
By H. B. FAIRCHILD.

Memphis, Sept. 1, 1893.

In reply will state:

1st. We hear less complaints of cutting and violation of contract terms than last year or for last several years.

2d. Rebate prices are maintained fully by all the jobbers so far as we know and we have only one among the retail trade who continue to cut prices. Occasionally some of the others do so to maintain their trade, but not from choice.

3d. We have heard of no desire of any one to be released from contract terms, but that terms and conditions may be so amended as to make more effective the conditions of rebate plan of doing business. There is much complaint with jobbers in regard to many proprietors not giving large rebates and more equitable terms, so as to enable them to make a living handling such goods, as our experience teaches us that it requires fully 10% to pay expenses. On such goods as we handle at less rebate we lose money, and we have less trouble and make better profit on goods we handle that are not on the rebate list than with many that are.

4th. We would like to see all proprietary medicines on rebate list if equitable terms and moderate discounts are accorded the jobber and retail dealers.

5th. We are desirous of continuance of rebate plan, feeling that it has been of great benefit to our business and would like to see it more effective.

6th. If proprietors would cease selling to outsiders and to cutters as well, and would confine their sales exclusively to members in good standing of N. W. D. A., and these signed to to refuse all cutters goods unless they maintain prices, cease cutting or offering goods at cut prices, would, if strictly carried out, lessen the evil and finally eradicate it entirely. But so long as proprietors encourage and maintain the cutters with full supply of their goods at best prices and terms, the evil will grow. "Anyone who has the money can obtain the goods" is the answer all cutters make to jobbers when sales are refused them and we know from observation that such is true, and they get their goods direct of proprietors in some way regardless of what restrictions proprietors pretend to enforce. We have cases here in our city.

W. N. WILKINSON.

New Orleans, Sept. 2, 1893.

In response we beg to say that reports of violations of rebate contracts are received from time to time, but not with the same frequency as formerly. We have heard of some expression in a vage sort of way of a preference for the abrogation of the rebate plan, but from houses practically the greatest beneficiaries of the

THE BEST

builders use only the best materials---lumber, brick, lime, cement, sand---whatever goes into the construction of a building; they employ only the best workmen and pay the best wages; they get better prices for their work than their less careful competitors, and always get the best contracts; they paint their work with

Strictly Pure White Lead

manufactured by the "Old Dutch Process" of slow corrosion, and with one of the following standard brands:

"Anchor" (Cincinnati)	"Jewett" (New York.)
"Armstrong & McKelvy" (Pittsburgh.)	
"Atlantic" (New York.)	"Kentucky" (Louisville.)
"Beymer-Bauman" (Pittsburg.)	"Lewis" (Philadelphia.)
"Bradley" (New York.)	"Morley" (Cleveland.)
"Brooklyn" (New York.)	"Red Seal" (St. Louis.)
"Collier" (St. Louis.)	"Salem" (Salem, Mass.)
"Cornell" (Buffalo.)	"Shipman" (Chicago.)
"Davis-Chambers" (Pittsburgh.)	"Southern" (St. Louis & Chi.)
"Eckstein" (Cincinnati.)	"Ulster" (New York.)
"Fahnestock" (Pittsburgh.)	"Union" (New York.)

Send to us for a book containing information on painting that may save you many a dollar; it will only cost you a postal card to do so.

NATIONAL LEAD COMPANY,
1 Broadway New York.

BRANCHES:

St. Louis, Chicago, Cincinnati, Louisville
Cleveland, Pittsburgh, Buffalo, Boston,
Philadelphia, Baltimore.

F. W. Devoe & C. T. Raynolds Co

101, 103, 106, 108 FULTON ST.,

NEW YORK

MANUFACTURERS OF

F. W. DEVOE & CO.'S PAINTS	C. T. RAYNOLDS & CO.'S PAINTS
" " " VARNISHES	" " " VARNISHES
" " " BRUSHES	" " " BRUSHES
" " " SPECIALTIES	" " " SPECIALTIES

For Painters, Artists and Decorators

All the brands and specialties of F. W. Devoe & Co. and of C. T. Raynolds & Co. will be maintained separately as heretofore.

system, and we are inclined to think that should it come to a test they would be found strong advocates for the maintenance of the plan. We believe it very desirable to secure the co-operation of all proprietors who have not yet subscribed to the rebate plan both for the benefit of the jobbing trade and as a means of strengthening the adherence of those who are already working under it. We can recognize some defects in the system and some disadvantages in particular instances, but they are inseparable from a measure inaugurated for the general good, and are overbalanced by the benefit to the entire jobbing trade.

J. L. LYONS & Co.

Syracuse, N. Y., Sept. 2, 1893.

We do not hear of more complaints or evasions than at any time heretofore.

We believe the rebate prices are generally maintained in this territory.

We have never heard a desire expressed by any jobber to the effect that he would like to give up the rebate system.

We think most assuredly that all goods sold under the head of proprietary medicines should be placed on the rebate fystem.

Regarding our own expression, would say that we believe under no circumstances should the rebate system be given up. We would raise our voice in favor of a larger discount from manufacturers rather than anything which would tend to reduce our percentage. Owing to the sharpness of competition and expense of conducting a large business, we think manufacturers should allow 15 % in place of 10 % as is usual. It would enable us to conduct our business at a profit and encourage old reliable houses of the country to remain in the business.

Believing that the time will soon come when the manufacturers will do more for the jobbers than they have done in the past, and looking forward to that end, we remain,

POTTER & KING.
H. F. KING.

GREEN SEAL **FLORENCE ZINC OXIDE** RED SEAL

Manufactured by the FLORENCE ZINC CO.

We manufacture the only Zinc White made in this country of Metallic Zinc, which we offer to the trade, and guarantee that the quality will at all times be the best that can be manufactured. and that our prices shall be beyond the possibility of competition.

Samples and Prices Furnished on Application to

THE S. P. WETHERILL CO.

Sole Agents for the Florence Zinc Company

45 Cedar St., New York 925 Chestnut St., Philadelphia

MANGANESE
BAUXITE
TALC
BARYTES

CHROME ORE
EMERY STONE, Etc.

GEO. G. BLACKWELL SONS & CO., Liverpool & London, Eng.

ESTABLISHED 1869. Mines and Mills near BELFAST, LARNE and GARSTON.

FUERST BROS. & CO.

2 & 4 STONE ST., NEW YORK. Sole Agents for U. S. & Canada

PATENT FERRULE

COMPRESSED PAINT BRUSHES

THESE NEW BRUSHES are made both full centre and open centre, so that customers may have them in whichever style they prefer. The above illustration is one of the full-centre lines, and the open-centre lines have same external appearance. The sizes of all lines are indicated by the letters A, B, C, D, E, F, the largest size being A.

These brushes will be appreciated by every practical painter who wants brushes absolutely without defect. The bristles are of the best quality, and are securely held by an entirely new mechanical process. Shrinkage is impossible, as the brush-head is entirely of metal. They are guaranteed not to come apart under any usage to which a brush can be put, and shedding bristles is an impossibility, as each bristle is held with a vice-like grip in its place. They will not come apart in water-color, glue, or any other substance in which brushes are used. Their appearance is exceptionally neat, as the metal is nickel plated. "Hold-Fast Bridle Catches attached to every brush.

MANUFACTURED ONLY BY

JOHN L. WHITING & SON CO.

Corner High and Purchase Streets, Boston, Mass

HENRY WOOD'S SONS CO.

BOSTON.
Established 1837.
MANUFACTURERS OF

CHEMICALLY PURE DRY COLORS

Greens, Blues, Yellows, Reds, &c.

SEND FOR SAMPLES.

We call attention to the PURITY, Strength and Brilliancy of our Chemically Pure Colors, also Purity of their undertone, and the unerring accuracy with which they hold their tone when adulterated to the furthest point. Many colors sold as Chemically Pure are not Chemically Pure, but contain Sulphate and Carbonate of Lead, weakening not only their strength, but their durability. We invite technical and practical tests.

HENRY WOOD'S SONS CO., Boston.

Pure Sulphate Barytes

MANUFACTURED BY

GEO. H. BURGESS

NEW HAVEN CONN.

Oldest Mills in the Country

IN CONSTANT OPERATION SINCE 1848

The Best

BARYTES Where TO GET IT

Dingee Weinman & Co.

LYNCHBURG, VIRGINIA.

You have learned

to avoid bogus White Leads and use none but genuine Brands, those proven by years of general use to be strictly pure and reliable; now it is equally necessary to avoid the numerous adulterated Oils that are on the market, and which spoil the best White Lead that can be made.

"COLLIER" Linseed Oil is always pure and perfect in quality. Use "Collier" oil and you will have the best.

NATIONAL LEAD COMPANY
St. Louis Branch.
Clark Ave. & 10th St., St. Louis.

ESTABLISHED A.D. 1760.

Lewis Berger & Sons, Lim.

MANUFACTURERS OF

DRY COLORS

of every description and for all purposes.

VERMILION, VERMILIONETTES, REDS, LAKES, CARMINE, BLUES, GREENS

BLACKS, WHITES, YELLOWS, BROWNS, PINKS, ULTRAMARINE

Factories: LONDON & SHEFFIELD England. SOLE AGENT, AMERICA AND CANADA JAS. W CARSON, 99 Nassau St., N. Y

BEFORE BUYING

BLACKS

LAMP, CARBON, DROP

TRY

BINNEY & SMITH

NEW YORK

EGYPTIAN ASPHALTUM

TO THE TRADE

Fine and in Lump

M. KARAM, 71 Broadway, New York

VARNISH MAKERS.

PRATT & LAMBERT

New York. PRATT'S LIQUID DRYER, Chicago.

F. C. KNOWLES & CO. Incorporated

MANUFACTURERS OF

White Lead, Tinted Lead, Colors in Oil, Mixed Paints, Calsomine, Woodstains, &c.

PROPRIETORS OF
New York City White Lead Works

180 182 and 184 Cherry Street - - NEW YORK

American Zinc Lead Co., Canon City Colorado.

Made Under Patents of F. L. Bartlett.

AMERICAN ZINC LEAD CO.
STANDARD WHITE.
Patented June 21, 1892.

Sold deliverable to all points by
HERBERT NASH, Treas
53 Mason Building, Boston, Mass.

Warranted to Contain Only Zinc and Lead.

Contains More Metal than White Lead does

C. K. Williams & Co.,

PROPRIETORS OF THE
Pennsylvania Dry Color Works.

Miners and Manufacturers of the largest variety of Ochre Colors in the U. S. ALSO Large Producers of Siennas Umbers Red and Yellow Oxides, Spanish and Metallic Browns, Venetian Reds, Mineral Blacks, Cement Paint Wood Fillers, and Ohina Clays. ALSO Importers of and Dealers in Pumice Stone, Ochres, Umbers and Siennas

CITY OF **Easton Pa., U.S.A**

Correspondence Solicited.

C. A. WOOLSEY PAINT & COLOR CO.

Manufacturers of Paints and Colors, Dry and in Oil

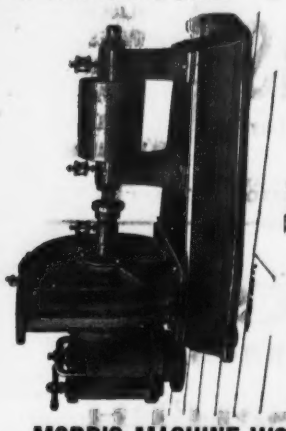
SPECIALTIES

Woolsey's Copper "Best" Paint
Woolsey's Coach and Car Colors
Woolsey's Indestructible Iron Paint for Bridges, Roofs, &c.
Woolsey's Yacht Copper Paint
Woolsey's Adamant Floor and Deck Paint
Woolsey's Domestic Kalsomine
Woolsey's Standard Mixed Paint
Woolsey's New Brilliant Green
Woolsey's Wood Stains &c.

PAINTS FOR EXPORT A SPECIALTY.

P. O. Box 96. Jersey City, N. J., U. S. A

CENTRIFUGAL PUMPS



For White Lead Works, Acid Factories and Chemical Works.
Economy and Life of Pumps Guaranteed.

MORRIS MACHINE WORKS

BALDWINSVILLE N Y

Charles H. Howell & Co.
PURE COLORS

Uniform in Shade, Quality and Fineness. "Reliable in every sense."

Philadelphia. **New York.**

HEADQUARTERS FOR

Queen's Chrome Yellow. The most remarkable made.
Coach and Car Colors, in Japan.
Painters' Pure Colors, in oil. **Distemper Colors.**
AJAX PAINT, a first-class ready mixed paint. White, and all colors.
"Perfect" Wood Filler, all shades.
Extra Fine Putty.
Weather Paint for Damp Walls.
Red Deck Paint, used by the U. S.
Marine Paints. Marine Black Pain Marine Bronze Green, Marine Frenc Green, Marine French Verdigris, Ma rine Seam Paint.
Hatteras Copper Paint.
Green Seal Copper Paint.

TRADE GUTTA PERCHA MARK.

FLOOR FINISH

Dries hard over night, under favorable conditions, with the toughness of Gutta Percha. On old and new natural wood floors properly filled, and on painted floors, one coat is sufficient. **Does not scratch or mar white,** and is very durable.

STANDARD VARNISH WORKS

LONDON, 23 Billiter Street. **NEW YORK,** 207 Avenue D. CHICAGO, 139 Lake Street.

H. B. HUNT STAMPING CO
MANUFACTURERS OF
OIL, VARNISH AND GASOLINE TANKS
CLEVELAND, O.

Every variety of Cans and Boxes for Druggists, Manufacturing Chemists, Medicine, White Lead and Paint Mfrs.

Our facilities for filling large orders as low and promptly, as good work will justify, are unsurpassed.

Special attention is called to our decorated tin signs for advertising.

Special attention is called to our method of reproducing Trade Marks, Labels, or any fanciful design, upon Tin Brass or Copper, by the Lithographic process, making the design or label beautiful in appearance and lasting in character.

BRILLIANT RED LEAD
ORANGE MINERAL
LITHARGE

JOHN T. LEWIS & BROS. WARRANTED PURE WHITE LEAD. PHILADA.
TRADE MARK

COLORS OF SUPERIOR QUALITY

Linseed Oil
Raw, Boiled and Refined

STRICTLY PURE WHITE LEAD

National Lead & Oil Co. of Pennsylvania

Proprietors and Manufacturers of the Following Well-known Brands:

"Armstrong & McKelvey" "Beymer-Bauman"
"Davis-Chambers" "Fahnestock"
"Fahnestock, Haslett & Schwartz"

MANUFACTURE ALSO

RED LEAD, LITHARGE,
GLASS, AND VARNISH MAKERS' OXIDES,
ORANGE MINERAL.

LINSEED OIL,
Raw, Boiled, Refined.

The high degree of excellence for which these brands of White Lead and Oxides have long been noted will be fully maintained.

GENERAL OFFICES
German Nat. Bank Building, **Pittsburgh.**

AGENTS FOR
Sissons Brothers & Co.
HULL, ENG.
Manufacturers of
OLDEN OCH, PARIS WHITE, PATENT DRYER, TUSCAN RED, INDIAN RED, VENETIAN RED, AND COLORS.

AGENTS FOR
Henry Grace & Co.
LONDON.
MANUFACTURERS OF
White Lead
ETC.

Lee Smith & Co.
59 Frankfort St., & 19, 21, & 23 Jacob St., N. Y.

PAINTS FOR GRINDERS' USE

IMPORTERS OF
English White Lead, Ochres, Umbers, Siennas, Indian and Venetian Reds and China Clay, V. M., French Zinc, Refined Yellow Beeswax.

We Claim to have our Paints for Grinders use of the best quality and most finely prepared

PAINT MARKET.

Note.—*Our prices are for large lots except when otherwise specified, and buyers of small quantities must expect to pay an advance on these figures.*

Complete prices current will be found on page 41.

SATURDAY EVENING, Sept 16, 1893.

White Lead, Zinc, Etc.

White Lead.—During the week under review there has been a better consumptive demand than has been the case for several weeks past. Grinders who have either been shut down or only running on half time have resumed full operations again and have been free buyers of dry lead. Western corroders outside of the combination are pushing their makes, not only here but in the east, and in order to secure contracts for car lots or over are quoting 5¾c, delivered, less the usual discount, with an extra rebate of ¼c per pound for round lots. The general feeling around the trade is that in all probability there will not be any marked activity in the paint trade this fall. The reason assigned for this belief is that the consumers throughout the country have not yet fully recovered from the recent financial depression, and that contemplated outdoor work will be deferred until next spring. Then again the uncertainty of tariff legislation will have more or less effect upon trade in general. Meanwhile dealers will continue to purchase only as daily wants require, and not in anticipation of a "boom" later on. Late schedule of prices is generally adhered to, though there are exceptional cases where competition is sharp they are shaded, specially for round lots of dry. We quote dry, 6c, and lead in oil, 6½c and upwards as to quantity, less the usual discount.

Litharge.—The starting up of a large number of the glass and rubber factories, which have been closed for several months, has not caused any marked demand for spot goods, for the reason that nearly all had full stock on hand or were under contract for this seasons requirements. There has, however, the past few days been rather more inquiry for future delivery, with sales reported of 30 tons at 5½@5¾c, as to quantity, less the usual discount. The other high grades while not active, are beginning to show rather more life, sales are reported of 5 tons at 6½@7c, as to quality and quantity, less the usual discount.

Red Lead.—It is reported that several contracts have been placed during the week on private terms to complete some iron structures which had been stopped, owing to financial matters. German makes are all higher abroad, owing to the drop in the price of silver. For shipments they are asking 6½c for round lots, while for jobbing parcels up to 6¾c is demanded. There has been rather more demand for the domestic makes of this pigment, both for spot and delivery, over the year. Prices remain steady at 6½@7c, as to to quantity and quality, less the usual discount.

Pig Lead.—The advancing tendency in this article has been momentarily checked and the closing quotations range from $3 85@3 90, as to quantity. This is ascribed to the fact that the leading consumers, having purchased ahead on the declining market which existed some time ago, are holding off now in order to influence values, preparatory to renewing their supplies. During the week about 1,000 tons were disposed of. The St. Louis market is firm at $3 70@3 75, and cables from London to-day quote values there at £9 15s per ton, or the equivalent of about 2¼c per lb, making with the duty added, an import cost here of 4¼c.

Orange Mineral.—Owing to the increased demand and the light stock available, prices for French have been advanced to 10½@10¾c, as to quantity and date of delivery. The advance abroad in the price of the various German makes, owing to the drop in the price of silver, has in a measure checked the demand for future shipments, buyers not being inclined to purchase at the figure named unless the duty clause is inserted. For shipments they are asking 7½@7¾c, as to quality and date of shipment, while for jobbing parcels 7½@8c is generally quoted. Domestic makes are meeting with the usual demand at 7½@8c, as to quantity, less the usual discount.

Zincs.—Grinders are drawing more freely upon existing contracts, all of which gives rather more activity to trade. No new contracts are being

Atlantic White Lead & Linseed Oil Co.

MANUFACTURERS OF

"ATLANTIC" WHITE PURE LEAD

ATLANTIC WHITE LEAD WARRANTED PURE ROBERT COLGATE & Co. TRADE MARK

Red Lead, Powdered and Flake Litharge and Glass-House Lead

ALSO

Refined Glass House Lead

Especially adapted for the manufacture of the FINEST QUALITIES OF GLASS, and we guarantee its UNIFORMITY.

LINSEED OIL

RAW, BOILED AND REFINED.

Also a Superior Grade especially adapted for Varnish Makers' use

Lead Pipe, Sheet Lead and Block Tin Pipe.

287 Pearl Street, NEW YORK

HAVE YOU

Made any Boiled Oil with

"OXYLITE?"

It is unequalled.

Atlantic Drier Co., Philadelphia

PATENT

Rock Emery Millstones

ARE NEXT TO

DIAMOND in HARDNESS

Grind Materials that destroy other Stones.

They are made from

BLOCKS OF EMERY,

Cast or imbeded in

METAL,

Thus an Ideal Grinding Face is obtained.

The Emery, incomparably hard, is always sharp, never glazes, and the softer metal between the Blocks makes a

HONEY-COMED FACE

more effective than the best French Buhr.

Wherever Buhrs do well *THESE DO BETTER.*

Fit any Millstone Frame,

FASTEST GRINDER KNOWN

Durable — Try Them

PATENT ROCK EMERY MILLSTONES

Grind Everything

Emery Face Never Dressed — HARD NEVER GLAZE

Sturtevant Mill Co., Boston, Mass.

$100 FORFEIT

CARTER WHITE LEAD CO. STRICTLY PURE WHITE LEAD OMAHA, NEB.

Does not cover ONE THIRD more surface than any other White Lead in the market.

Which is the Cheapest?

100 lbs. "Trust brand" White Lead.....$ 7 25
34 " (4¼ gals.) Linseed Oil at 60c..... 2 70

134 lbs.—19 lbs. to the gal. or 7 gals.....$ 9 95

COST $1.42 PER GALLON OF PAINT.

100 lbs. "Carter" White Lead.....$ 7 25
50 " (6⅔ gals.) Linseed Oil at 60c..... 3 90

150 lbs.—16 lbs. to the gal or 9⅓ gals.....$11 15

COST $1.17 PER GALLON OF PAINT.

A Saving of Nearly Twenty-Five Per Cent.(25%) in favor of Carter White Lead in Cost of Paint.

We positively guarantee that 100 lbs. of CARTER White Lead when thinned with 6⅔ gallons of Linseed Oil, will **cover** One-third more surface **equally as well as 100 lbs. of any "Trust"** brand thinned with 4¼ gallons of oil, proving an actual saving of nearly **Twenty-five (25) per cent.** of the cost of materials according to actual work done, **or forfeit One Hundred Dollars ($100.)**

CARTER WHITE LEAD CO,
Omaha, Neb.

36 & 38 Boston Ave., CHICAGO, ILL.

WHY EXPERIMENT

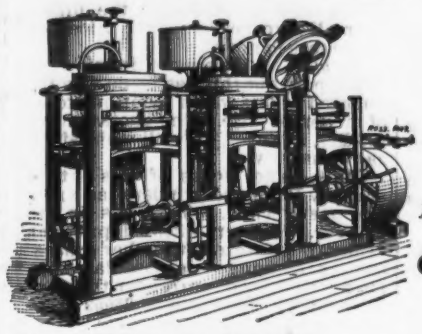
The "J. W. C. brands of **FRENCH OCHRE** are the most uniform, Strongest, finest and cheapest on the market.

J W. COULSTON & CO.

FINEST DRY PAINTS FOR GRINDERS.

140 Maiden Lane, New York.

MILLS



AND

MIXERS

For Grinding and Mixing

All Materials

Factories Fitted up Complete and Ready for Work

CHAS. ROSS & SON

MANUFACTURERS

16, 18 & 20 Steuben St.

Gang of Cooled, fine Color Mills.

Near Flushing Ave., Brooklyn, N. Y

ESTABLISHED 1832

Pittsburgh White Lead and Oil Works

M. B. SUYDAM & CO.

M. B. SUYDAM & Co. GUARANTEED STRICTLY PURE WHITE LEAD PITTSBURGH, PA.

Corroders and Manufacturers of Strictly Pure

White Lead
Red Lead
Litharge
and Colors

OFFICE AND WORKS:

474 to 484 Rebecca St.
ALLEGHENY, PA

P. O. BOX 888, PITTSBURGH, PA.

Also Manufacturers of LINSEED OIL.

ESTABLISHED 1843

THE EAGLE WHITE LEAD CO. PURE WHITE LEAD CINCINNATI

Independent of all Combinations

EAGLE WHITE LEAD

OLD FASHIONED WHITE LEAD

DRY AND IN OIL

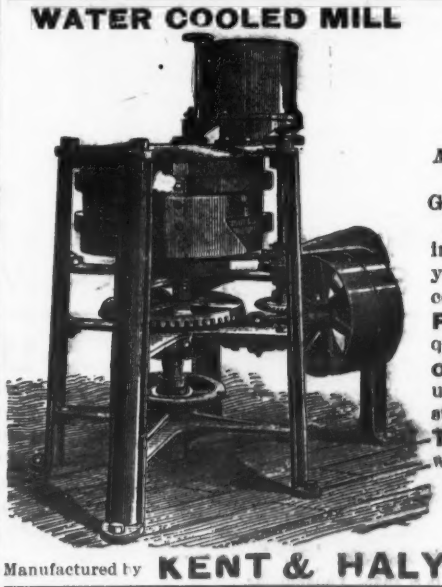
Also "PULP Lead, which we brand "PULP GROUND'

RED LEAD AND LITHARGE

Factory and Office, CINCINNATI, OHIO.

BOSTON AGENCY, 159 Milk St,
CHICAGO, E. H. Haines, Agent.
CLEVELAND, A. T. Osborn & Co., Agents.
NEW ORLEANS, M. Herrmann, Agent.

WATER COOLED MILL



FLOOD & CONKLIN CO.,
Varnish Makers.
NEWARK, N. J., June 24, 1893.
Messrs. KENT & HALY,
Brooklyn, N. Y.

GENTLEMEN:

Replying to yours of 22d inst, in reference to the Paint Mills you furnished this Company. I consider them **The Perfect Paint Mill,** producing both quantity and quality, **Superior to any Mill** that has come under my notice, and from my standpoint, any one wanting **The Best** Paint Mill made will do well to adopt them.

Yours truly,
P. F. FLOOD.

Manufactured by **KENT & HALY** 250 & 252 Plymouth St. BROOKLYN, N. Y.

Samuel H. French & Co.

PAINT MANUFACTURERS

"BUCK LEAD"

PHILADELPHIA

made at the moment. It is reported that one of the large companies in the West had closed down on account of slack orders. Prices are unchanged at 4@4¾c. as to quality and quantity. French is without special feature, the usual demand is reported at regular prices.

Dry Colors.

Carmine.—While the market presents a better appearance small lots continue to monopolize attention. Quotations range from $2 75@3 75, as to quantity and style of package.

Carbon Black. — Notwithstanding the demand was principally restricted to small parcels yet the frequency of these orders was greater than for the week preceding. The inquiry was also stronger, though prices were on the basis last reported.

Lampblack.—Small quantities are in moderate request at former prices. The inquiry is somewhat firmer and the general tone steadier.

Ochers. — The movement in this market was as a rule confined to jobbing transactions, though occasionally sales of larger proportions were reported. Quotations are as follows: Rochelle 1¼@1½c and American 1½@1¾c, as to quantity.

Ultramarine.—Small quantities find a consuming outlet at 7@25c, as to grade and quantity.

Vermilion. — Again we record a quiet week for this color. The transactions were of small nature, designed only for current requirements. Values are 57@62c, as to quantity and make.

Paris Green.—Important action in this market has ceased and the only business now reported is for jobbing parcels. As has been before stated the season is practically at an end, and as all available stocks have been exhausted prices may be considered nominal. Small quantities command from 17@21c. The association price is maintained at 10c for bulk, 10¼c for 1,000 lbs, and 10½c for smaller quantities.

Miscellaneous.

Passing this market under review we find no new or distinctive features. Trade has been limited to the filling of small parcel orders with prices as a rule satisfactory.

Barytes.—A little more inquiry has developed, but this has in no way influenced orders which continue to be of moderate size. The quotations of $15@21, however, are still maintained as to quantity.

Chalk.—The stocks of this article are very large and grinders as a rule are overstocked. This has in no manner, however, affected prices as dealers refuse to grant further concessions, preferring to accumulate supplies rather than surrender their entire profits. We quote $1 75@2 as to steamer or sail shipment.

China Clay.—Inquiries for futures are more noticeable than for weeks past. Sales are also larger, although not of unusual size and dealers report a better outlook than for a month past. Steadiness of prices are also a feature, $12@18 being the quotations as to grade and quantity.

Talc.—Dealers report a very quiet week with little or no business of consequence transacted. Values, however, are unabatedly maintained on the range of 1½@1¾c as to grade and size of order.

Mixed Paints.—Important action is still in abeyance, though small sales found a consuming outlet. The unusual quietness at this time does not augur well for the fall season. Prices are as a rule maintained.

Metallic Paints. — Trade in this article was not over brisk and but few lots, other than those on old contracts were moving. Sales of 5 tons were made at $13 75, and a car lot also sold at $14, delivered in New York.

Whiting.—The situation is somewhat brighter, as it is reported that many of the mills that ceased operations during the past month or two are about to resume. This will give impetus to the demand and we may look for a revival of trade conditions in the near future. Values are 45c for commercial, 50@55c for gilders and 60@65c for ex gilders, as to quantity. Round lots are quotably lower.

Varnish Gums.

Continuance of the past dullness is still noticeable in this branch of the paint market. Stocks are ample for all requirements and no additions are expected before next month. The demand has been sluggish, though, as a rule, prices have been uniformly maintained.

Glues.

Complaints are heard at the prevailing dullness, but it is thought that this month will inaugurate a better condition of affairs. Efforts are being made to sell and in some cases concessions are granted, but as a rule former prices are closely adhered to. We quote low grade 8@10c; cabinet, 12@14c; white, 13@15c; ex white, 17@25c. Imported glues are held at 9@12c as to grade; thick gelatines ranging from 18@40c, as to brand, make and size of package.

Glass.

Window Glass.—Buyers are becoming more numerous and their wants are multiplying as the season advances, but with the exception of a slow but steady increase in the consuming demand, there is but little of interest to chronicle. Dealers seem confident that the forward movement which has commenced will grow in volume and that the results of the approaching season will be satisfactory. Prices are being firmly supported.

Plate.—We note a continued unfolding of the demand for consuming requirements and the prospects are favorable for a large distribution during the next few weeks. Quotations meanwhile are unchanged and there is no probability of lower prices. Some of the Western plants are resuming business and in a short time it is presumed that the majority of the American factories will be in operation. During the week delegations from various sections of the country representing the glass industry, were heard before the Ways and Means Committee of the House of Representatives at Washington in reference to the proposed changes in the tariff. Nothing of practical importance, however, has thus far resulted from these discussions.

St. Louis Paint Market.

(Special to the REPORTER.)

White Lead.—Business in this line is improving to a very gratifying extent and the outlook for fall business is brightening. Financial matters are taking on a better aspect, which has due influence in encouraging sales. Card rates continue to govern all sales.

Mixed Paints.—In the mixed paint branch proper trade is still inactive, with but little if any more doing now than for several weeks past. There is quite a nice business in putty and pine tar.

Dry Colors.—There has been a slight change for the better in this branch of the paint trade, and the volume is larger than for several weeks past. So far as known there has been no change in values from those heretofore governing this market.

Pig Lead.—There is not at present so much interest manifested in this metal as last week, and the market in consequence is not in such a strong position. Manufacturers are not seeking for supplies except in a limited way, and general business is of only small proportions. Prices are weakening to some extent and have receded to $3 67½. The movements for the past week were as follows:

RECEIPTS.

Week ending Sept. 9	32,907 pigs
Week ending Sept. 2	20,335 "
Since January 1	962,246 "
Same time last year	1,122,473 "

SHIPMENT

Week ending Sept. 9	17,780 pigs
Week ending Sept. 2	13,133 "
Since January 1	683 743 "
Same time last year	763,492 "

Lead and Zinc Ore.—There was a marked increase in the sale of both lead and zinc ore over that of last

AM. BRONZE POWDER M'F'G CO

Manufacturers of Superior Grades of

BRONZE POWDERS & BROCADES

And their unexcelled and justly celebrated

LINING BRONZES AND ALUMINUM SILVER BRONZE

To which the attention of the Wholesale Trade is respectfully directed.

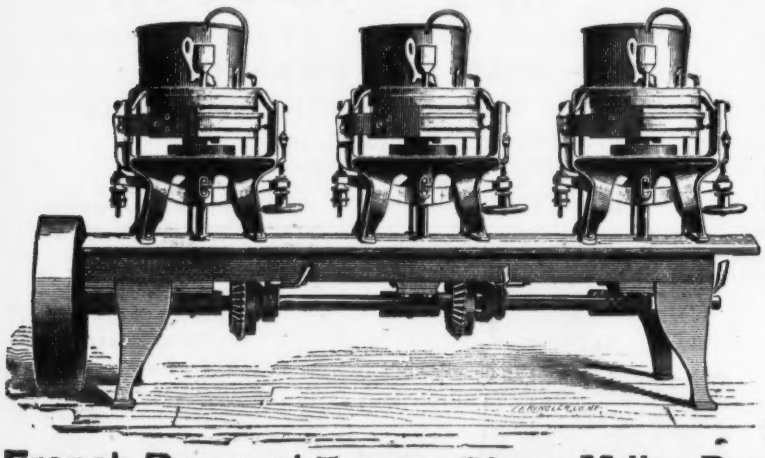
Factory at Verona, Essex Co., N. J.

Office and Salesroom, 6 Murray St., NEW YORK

WADSWORTH, HOWLAND & CO., OUR BOSTON AGENTS.

BENCH OF THREE 15 inch PAINT MILLS.

16 in. 20 in. 30 in. PaintMills



PAINT MILLS

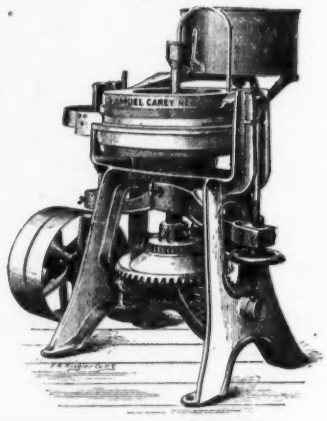
OF ALL KINDS

DRY AND LIQUID

Paint Mixers

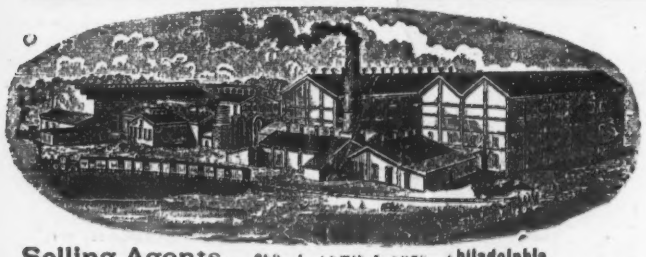
Borax Mills,
Alum Mills,
Sugar Mills,
Sulphur Mills,
Chemical Mills,

Bolting Chests and Reels



French Burr and Esopus Stone Mills. Dry Mineral Paint Mills. Water-Cooled Mills

Write for Catalogue to SAMUEL CAREY, 17 Broadway, New York



Sublimed White Lead

For Fineness of Texture and Opaqueness,—Is unequalled.
To Grinders of Paints,—Sold only in dry state.
To Ready-Mixed Paint Manufacturers,—Specially applicable.
To Rubber Manufacturers,—A superior and desirable form of Lead.
To Oil Cloth and Wall Paper M'f's.,—Worthy of special attention.
To Gas Pipe and Iron Workers,—Superior to Oxide of Lead as a Cement.

Picher Lead Co. Joplin, Mo.

SMELTERS, REFINERS AND MANUFACTURERS.

Selling Agents, GEO. T. LEWIS & SONS, Philadelphia.

PRESTON COMMISSION CO. 412 Home Insurance Bldg, Chicago

Rosin Turpentine Paint Oils

Rosin Oil Tar and Pitch "Java" & "Baltic"

Refined Deodorized Rosin Oil Our Specialty

BRANCHES
121 Front St, New York
5 Wabash ave, Chicago
55 Magazine St New Orleans

S. P. SHOTTER CO.

SAVANNAH, GA.

VANHORNE, CRIFFEN & CO.
IMPORTERS OF
French Window and Picture Glass
Polished and Rough Plate. Ornamental Glass. French Mirrors.
MANUFACTURERS OF BENT GLASS
131-137 Franklin St., NEW YORK

SHEET, FANCY AND COLORED **Window Glass**
PICTURE AND DRY PLATE GLASS
EUGENE BAUDOUX JUMET (BELGIUM)
Largest Works on European Continent.
Annual Production over 26,000,000 feet. Correspondence Solicited
TRADE MARK Agents in New York, C. S. WEBER & CO., 415 Broadway.

THE PALMER-WILLCOX MANUFACTURING CO.
EVERY DESCRIPTION OF
ADVERTISING MATTER
For Manufacturers of Ready Mixed Paints, Coach & Car Colors, Graining Colors, Wood Stains, etc.
1352 Fulton Street, corner New York Ave., - - Brooklyn, N. Y.
Samples and Estimates on Application.

OXLEY & WILSON MFG. CO. 192 West St., New York
WE MAKE A SPECIALTY OF
Strictly Pure Colors
Our "G. S." White Lead is used by THOUSANDS OF PAINTERS The Graystone Primer bearing our Brand is Unequaled. We have everything that a painter needs.
Send for Price List and Sample Cards.

Munson's Buhr Stone MILLS
BEST IN THE WORLD
FOR GRINDING
Mineral Paint,
Dry Colors,
Drugs,
Spices,
Dry Paints,
Mineral Pulp,
Marble Dust,
Coal Facings,
Etc., Etc.
Send for illustrated catalogue & address
MUNSON BROTHERS,
Utica, N. Y., U. S. A.
(Established 1825.)

Michigan Carbon Works
Detroit. Mich.
MANUFACTURERS OF
Animal Charcoal for Oil and Sugar Refineries
COPPERAS
Ivory Black, Case Hardening Coal,
Gelatine, Glue,
Neatsfoot Oil, Grease,
Phosphate of Lime Bone Ash,
Asphaltum Substitute
Carbonate of Ammonia
SULPHATE OF ALUMINA, SULPHATE OF AMMONIA

Genuine French Orange Mineral
TOURS' BRAND,
Is the Finest, most Brilliant and Lasting in the World for Vermilion Manufacturers, &c
SOLE AGENT FOR THE UNITED STATES
F. A. REICHARD, 132 Nassau Street, New York

BONNE-FORTUNE OCHRE HENRY ERWIN, N.Y. — BERMUDA OCHRE — HENRY ERWIN R.O. OCHRE NEW YORK
E. O. MURDOCK Sole Agent for Bermuda Ochre Co.'s Yellow Ochres, and HENRY ERWIN'S Imported and American Ochres, Umbers, Sienna, Mineral Black, &c.
104 John Street, NEW YORK CITY.

CHAS. MOSER, PRES'T., CINCINNATI.
FRED. RENNER, FIRST VICE-PRES'T., CINCINNATI. JOS. F. PIEPMEYER, SEC'Y. CINCINNATI
H. CONKLIN, SECOND VICE-PRES'T., NEW YORK. GEO. C. WUENKER, TREAS., CINCINNATI
The Chas. Moser Co.
59 63 Main St. 75 Maiden Lane
CINCINNATI, O. NEW YORK
MANUFACTURERS OF
Paints and Colors
"ECONOMY"
Ready Mixed Paints
Carriage and Wagon Gloss Paints
ARTISTS' TUBE COLORS
Moser's "New" VERMILION is the best substitute for English Vermilion
NOW ON THE MARKET
Correspondence Solicited.

WRIGHT & HILLS LINSEED OIL COMPANY
MANUFACTURERS OF
Raw, Boiled and Bleached Linseed Oil
And Special Varnish Oil
OIL CAKE, OIL MEAL.
22d & Lumber Sts., CHICAGO New York Office, 96-98 Maiden Lane, Room 24

CAMPBELL & THAYER
89 Maiden Lane, NEW YORK
MANUFACTURERS OF
PURE LINSEED OIL
Raw, Refined and Boiled, in Casks and Barrels,
—ALSO—
LINSEED CAKE
Varnish Oil a Specialty.

KNUDSON, PATERSON & CO.
IMPORTERS & GENERAL EAST INDIA MERCHANTS
152 & 154 Front St., cor. Maiden Lane, New York
A FULL LINE OF VARNISH GUMS

National Linseed Oil Company
Linseed Oil Manufacturers
LARGEST IN THE WORLD.

PURE LINSEED OIL
Raw, Boiled and Refined always on hand. Delivered in BARRELS or TANK CARS. OIL CAKE for Export and Domestic Use.
Correspondence Solicited
Office, Rookery Building, CHICAGO, ILL.
NEW YORK Office and Warehouse, 81 JOHN ST.

week. The market in this ore is much stronger, and gives promise of an early advance in values. The lead market is in an advancing position, closing the week at $21 50, being an increase of $3 in the last two weeks. Some apprehension is felt by operators as to what effect on values a sale of 500 tons of zinc ore in the St. Louis market will have. It is claimed that $17 50 per ton was obtained, but this is not likely to create any disturbance or lack of confidence, as the market is almost certain to maintain a firm position, if not an advancing one. Sales for the week are as follows:

	Zinc, lbs.	Lead, lbs.
Webb City.....	992,570	233,530
Joplin.....	911,450	242,970
Aurora.....	839,370	180,100
Galena	559,000	129 000
Miscellaneous ...	840,240	321,560
District total...	4,142,630	1,107,160

Edward Hill's Son & Co.

25 & 27 Cedar Street, NEW YORK

Varnish Gums and Shellac

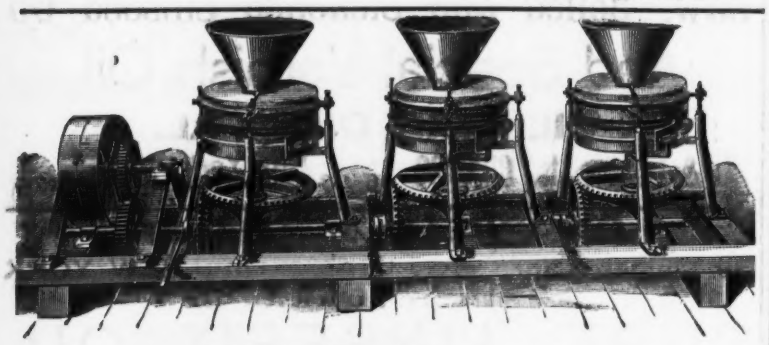
Kauri Zanzibar Manilla Damar Asphaltum

It ought to be

made a crime to sell, as Pure Linseed Oil, the spurious and adulterated oils that flood the market. There would be fewer complaints of poor paint from painters and house owners.

The only protection is to buy none but oil known to be pure. The "JOHN T. LEWIS & BROS." Pure Linseed Oil is always pure.

JOHN T. LEWIS & BROS. COMPANY.
Philadelphia, Pa



IMPROVED PAINT MILLS.

Improved Paint Mills on Frame with Burrs or Esopus Stones for Paints and Colors in Oil.

For further particulars address,

P. M. WALTON,

1023 Germantown Avenue,

PHILADELPHIA,

PENNA.

Manufacturer of all kinds of Paint and Putty Machinery.

Recent Appraisers' Decisions.

COAL-TAR PREPARATIONS — DICHLOROPHTALIC ACID.

In the matter of the protest of Schoellkopf Aniline and Chemical Company, against the decision of the collector of customs at Buffalo as to the rate and amount of duties chargeable on certain dichlorophtalic acid, imported January 9, 1893, the following is the opinion by General Appraiser Lunt.

The merchandise covered by this protest is invoiced as "dichlorophtalic," and was imported at Buffalo, January 9, 1893, by the Schoellkopf Aniline and Chemical Company.

1. Duty was assessed thereon at 20 per cent. ad valorem under paragraph 473, N. T., as an acid used for chemical or manufacturing purposes, not specially provided for in this act.

2. That said merchandise is dichlorophtalic acid and is a coal tar preparation, not a color or dye; that it is a chemical compound and an acid, the chief use and value of which is in its application to the construction of coal tar dyes, by combining the same with other chemicals.

3. That a very large proportion of coal tar colors or dyes and coal tar preparations are acids or possess acid properties.

Following and adopting our observations and conclusions in G. A. 2032 we hold that this acid is specially provided for in paragraph 19, N. T., and overrule the protest.

ABSOLUTE ALCOHOL—FREE AS A SCIENTIFIC PREPARATION.

In the matter of the protest of E. H. Bailey & Co., against the decision of the collector of customs at Philadelphia as to the rate and amount of duties chargeable on certain absolute alcohol, imported March 8, 1893, the following is the opinion by General Appraiser Somerville:

We find the merchandise to be "absolute alcohol," substantially identical in kind with the preparation covered by our decision G. A. 1368, In re Richard Kny & Co. et al.

The article was assessed for duty under paragraph 329 of the new tariff act as distilled spirits and is claimed to be free of duty under paragraph 677 as a "scientific preparation, imported in good faith for the use of a college established for educational, scientific, or literary purposes.

We find that the merchandise was imported not for sale, but in good faith for the use of the Univerity of Pennsylvania, which is an institution established for educational and scientific purposes, and, further, that it is a "scientific preparation" within the meaning of said paragraph 677, as defined in said board decision G. A. 1368, which was affirmed on appeal by the United States circuit court for the southern district of New York (without opinion) on June 18, 1893, per Lacombe, J., and has since been fully acquiesced in by the Treasury Department.

The protest is sustained, the collector's decision reversed, and he is instructed to reliquidate the entry accordingly.

English Petroleum Markets.

London.—There is little of general interest to report in reference to this article, which engages no more attention than it did for a long while before the present time, and there has been nothing new in the questions of supply and demand to create the least stir in the London market. Advices from the other side have been construed as being more favorable for importers, but no immediate effect on the market here has been seen, and sales have progressed at the same slow rate as hitherto. Supplies, as repeatedly mentioned, have continued uninterruptedly large, and as there is no conclusive proof that they do not overtake the wants of consumers and leave a surplus quantity of burning oils to be stored away for an indefinite period, the pressure to sell, so often experienced, naturally leads to an occasional slight reduction in quotations. Although there has been an entire absence of buoyancy in the market during the month just closed, rather extensive operations have nevertheless been concluded, and a flickering improvement in the disposition to buy has now and then been detected by close observers. Quotations, however, have had no very decided tendency, and have generally remained exceedingly low in all positions; those for American refined having been 3⅞@4d on the spot, 4@4⅛d per gal for September-December delivery, 3 11-16@3⅞d for Russian oil, and at 3 15-16@4d for forward contracts for the latter when made early in August. Water white oil has been purchased at 5@6d, bein the same as heretofore, and rectified petroleum spirit has again realized 7@7¼d, but the ordinary kind has been offering on slightly easier terms —6½@7d per gal.

Importations of petroleum oil, &c., (in barrels), into London and the outports during the past eight months, as compared with those in 1892 and 1891, viz:

PETROLEUM OIL.

	American.	Russian.	Total.
London	573,559	393,907	967,466
Liverpool.....	295,841	98,094	393,935
Bristol.....	118,855	40,545	159,400
Hull.....	108,546	....	108,546
Clyde & Leith.	1,800	....	1,800
Dublin.....	43,567	....	43,567
Southampton..	17,718	....	17,718
Totals...	1,159,886	532,546	1,692,432

	1892.	1891.
London	712,509	794,832
Liverpool.....	388,394	331,956
Bristol	121,650	161,319
Hull.....	99,199	74,066
Clyde & Leith.....	105	1,760
Dublin.....	41,594	21,817
Southampton.....	19,094	14,915
Totals	1,382,545	1,400,695

PETROLEUM SPIRITS.

	1893.	1892.	1891.
London.....	39,810	32,375	28,112
Liverpool.....	31,945	31,542	16,297
Bristol.....	18,189	4,396	5,824
Hull.....	....	....	....
Clyde & Leith..	....	....	....
Dublin.....	....	....	....
Southampton....	....	....	....
Totals.....	89,953	68,313	50,233

The imports of residuum this year have been 10,939 barrels into Liverpool, against 2,124 barrels in 1892.

Liverpool.—Imports have been on a liberal scale into the United Kingdom, and the market has remained in a quiet state. The expectation of an improvement in the demand has been partly realized, as within the last week more orders have been booked by the trade than hitherto the case, and it is evident that the reasonable basis at which values are quoted are at length attracting attention. Dealers for future delivery show an increased trade. During the past month quotations have been without alteration, and it is possible that an advance may take place before long. Refined Pennsylvanian moves from 4¾d to 5¼d, according to quality, and Russian refined at 4d.—*Oil Trade Review.*

A Report on Coto Bark.

BY W. ELBORNE, B.A.

The author's communication resulted from inquiries which had been instituted with the object of ascertaining the botanical origin of coto. Genuine coto bark is not often met with in commerce; there is, however, a more frequently occurring bark very analogous in physical appearance and

Billings, Taylor & Co.
(INCORPORATED)
37 to 45 CASE AVE.
CLEVELAND
OHIO

DRY COLOR
AND
VARNISH MAKERS
Paint Manufacturers

Billings, King & Co.
(INCORPORATED)
438 PEARL ST.
NEW YORK
CITY

Diploma of Merit and Honorable Mention
WORLD'S EXPOSITION, PARIS, 1889.

GOLD MED L, NEW ORLEANS, 1884-5
EIGHT FIRST CLASS AWARDS.

JOHNSTON'S
DRY SIZED
KALSOMINE
—AND—
FRESCO PAINTS
—FOR—
Coloring Walls & Ceilings

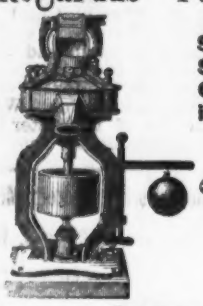
READY FOR USE.

Absolutely Reliable! Cheaper than Wall Paper or Oil Paint!

Pure White and Beautiful Tints
Will not Rub or Scale from the Wall
Invaluable for Cleansing and **disinfecting walls** impregnated with germs of disease.
Mixed in five minutes ready for the brush, by the addition of water only.
Five pounds will cover with a good body, 500 square feet, on hard finished walls. Ask for
"JOHNSTON'S Dry Sized KALSOMINE"
and see that you **do not get any poor substitute.** For sale by Paint and Drug Dealers everywhere. Send for sample card and prices to

DRY KALSOMINE AND FRESCO PAIN WORKS
25 and 27 JOHN STREET BROOKLYN, N. Y.

THE ORIGINAL
Rogardus Patent Universal Eccentric Mill



Will grind anything Dry or Liquid, Hard or Soft, such as Drugs of all kinds, Salts, Roots, Stems, Berries, Argols, Nutgalls, Spices, Ores, etc., etc., Paints in Oil, Ink, Blacking, etc., etc.
HAS A WORLD-WIDE REPUTATION OF BEING THE
BEST MILL IN THE WORLD.
Catalogues sent on application.
MANUFACTURED SOLELY BY
J. S. & C. F. SIMPSON
Successors to J. W. THOMSON,
26 to 36 Rodney St., Brooklyn, N. Y
Beware of imitations now being placed upon the market.

Guild & Garrison,
Kent Avenue, corner South 10th Street,
Brooklyn, N. Y.

Air Pumps,
Vacuum Pumps,
Air Compressors,
Acid Blowers,
Vacuum Apparatus,
Steam Pumps.

THE WALKER GUM CO.
WALKER'S well known
Vowel Brands of Kauri and Other
VARNISH GUMS
AYERS & MASON Agents
164 Front Street, NEW YORK

Always look
at the *BRAND* of linseed oil you buy, for good paint *cannot be made* with the cheap mixtures and substitutes. The
"ARMSTRONG & McKELVY" linseed oil is *Pure*, and of *very best* quality.
NATIONAL LEAD & OIL COMPANY,
of Pennsylvania.
Pittsburgh, Pa.

RECORD MANUFACTURING COMPANY
Conneaut, Ohio
Manufacturers of all kinds of Cans for Oil, Paint, Varnish and Chemical Manufacturers
Varnish Cans
With Record's Patent Self-Sealing Nozzle and Cap
Which requires no tool to Seal with.
Sizes from 1-2 PINT TO 5 GALLONS

Record's Wood Incased Shipping Cans
WITH PATENT LIP NOZZLE
And Patent Self-Sealing Cap, which does away with the use of corks in closing the Nozzle.

Made of Steel Stamping Tin; Case Double Thickness, sandpapered; Thoroughly Hooped Strong wood planed head on top; Bottom Secured by Heavy Inside and Outside hoops; Nailed through and through with clinched nails. The most desirable and safe can to ship in on the market. Trade discount named on application.
SIZES, 1, 2, 3, 5 and 10 GALLONS

Manganese ASPHALTUM VARNISH GUMS, &c
JOHN S. LAMSON & BRO., 77 Maiden Lane, New York

structure, evidently closely allied botanically to the true coto, and termed "paracoto bark." The latter does not contain the active principal (cotoin) of the true bark, from coto by a chemical analysis. Coto is said to come from and can only be distinguished from Amazonas, paracoto from the banks of the Mapiri, the botanical origin of both being unknown.

A specimen of genuine coto having been sent to Mr. F. F. Newcome, in Bogota, for the purpose of recognition, a reply was received to the effect that the bark had been recognized there as canelo, and was believed to be yielded by a drimys, which latter grew near the coasts of that country (United States of Colombia) and of Venezuela. Upon reference to works on materia medica, it was found that canelo (the Spanish for cinnamon) was a recognized term in Mexico and Chili for Winter's bark (Drimys Winteri). The structure of the latter being essentially different to that of coto, no reliance could on that account be attached to the canelo clue, and it was abandoned. Strange to state, however, a second and totally different line of inquiry terminated in the same perplexing result, viz., Drimys. At the sixty-second meeting of the Dutscher Naturforscher und Aerzte, held at Heidelberg, there was exhibited a collection of fine chemicals and recent rare plant derivitives, among which latter were two specimens labelled "Cotoin" one obtained from Bolivian coto verum, the other from a so-called coto bark that had been received from Venezuela. Specimens of the barks from which these cotoins had been extracted were also exhibited. The author obtained samples both of the cotoins and the barks. The Bolivian coto verum agreed with his specimens of genuine coto, whereas the bark from Venezuela proved to to genuine Winter's bark. The so called cotoin that had thus been obtained from Winter's bark had been submitted to analysis. In melting point and qualitative reactions it agreed with the published reactions for cotoin from true Bolivian coto-bark. A quantitative analysis had been made, when its percentage composition was found to differ from that of true cotoin by about 1 per cent. of carbon, the formula for cotton being $C_{22}H_{18}O_8$, and that of the substance from Winter's bark $C_{21}H_{18}O_8$. These results were sufficiently interesting to warrant an extended investigation of the author, which the author hopes to pursue.

Having applied to the museum department of the Pharmaceutical Society for such information on the subject as might be available, Mr. E. M. Holmes, in reply, furnished an account of various specimens of barks (dated 1851) in the Pereira and Hanbury collections, some of which even at that period had been confounded with Winter's bark, but were in reality genuine coto-bark, only not at that time known under the name of "coto." [The name "coto" for the bark originated in 1873.] Owing to the prevailing opinion that coto is yielded by a lauraceous plant, the author drew attention to the fact that a large tree (*Laurus giganteus*) hitherto unknown to science had quite recently been described in the *Pharmaceutical Journal* by Dr. Bayon, of Bogota. It is a native of a district not far from the coco-yielding region, but its bark does not appear to have yet received attention.

THE UNITED PRODUCTS OF THE

Acme White Lead and Color Works; Detroit; Mich.
Cary Ogden Co. - - Chicago, Ills.
Chicago Color Co. Chicago, Ills.
J. L. Dunn & Co. - - Windsor; Ont

MAY HEREAFTER BE SECURED FROM

Acme White Lead & Color Works or The Cary Ogden Co.

Detroit, Mich. Chicago, Ills

STEVENS' FLAT BRICK RED
PURE COLORS and other SPECIALTIES.
STEVENS' PAINT SPECIALTY CO.
31 & 33 So. 6th Street, Brooklyn N. Y.
F. T. BAKER. - - - - - Manager
Send for Samples and Quotations.

GABRIEL & SCHALL
IMPORTERS OF
CRUDE POWDERED (SWOOO) BARYTES
Dry Colors, Blanc-Fixe, Chloride of Barium, Nitrate of Barytes and Strontian, Borate of Manganese, Portland Cement, Asphalt Mastic, Fire Bricks, &c.
205 PEARL ST. NEW YORK

THE PRINCES' METALLIC PAINT
will have both labels as below side by side, upon every package

And is Made Only by
THE PRINCE
MANUFACTURING CO.
A. C. PRINCE, President. DAVID PRINCE, Sec'y & Treas.
71 Maiden Lane.
NEW YORK
It protects Iron from rust and Wood from decay.

Wants Paint for a Floor

Is that what your customer asks for? Of course he wants paint that will stand use, will dry hard over night, and will not run off and grind to pieces under the boot heels in a day or two. Maybe he asks you to guarantee it. You can't do that with ordinary floor paint. But if you will sell Harrisons'

Floor and Deck Paint

you can safely promise that it will fill all the requirements of the most exacting customer.

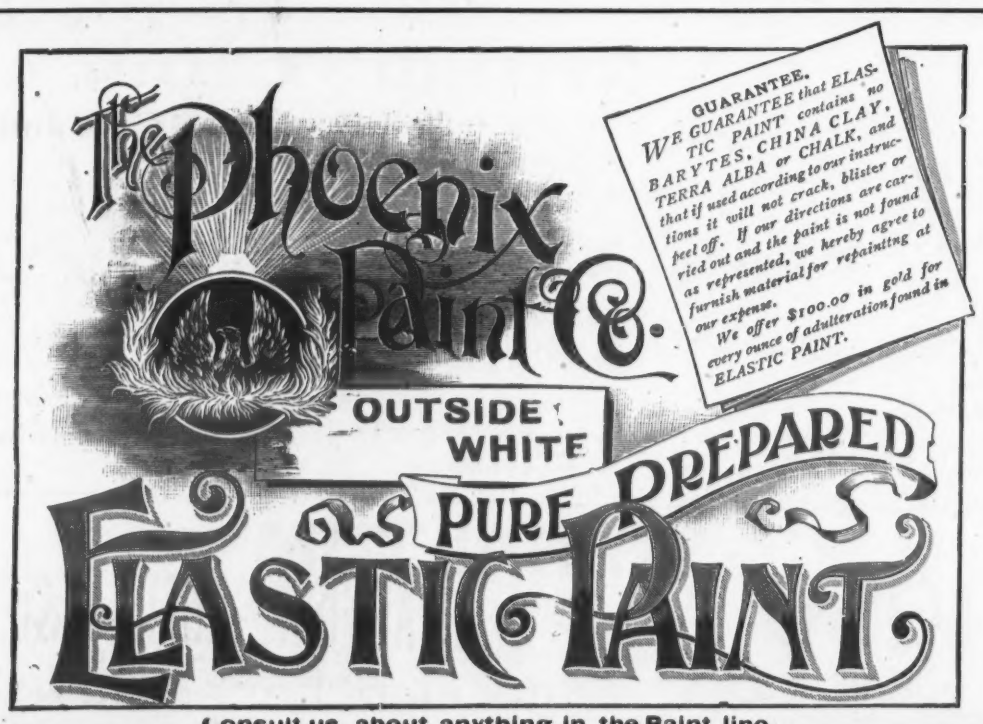
HARRISON BROS. & CO.,
PHILADELPHIA
NEW YORK,
CINCINNATI

It Doesn't Burn Off

Gillespie's Elastic Iron Enamel is practically indestructible, and is unequalled for use on Stove Pipes, Registers, Grates, Radiators, Steam Pipes, etc. This is the season of the year when its sale in pint and half-pint cans to the household trade is enormous.

Your Fall stock is not complete without it. Write for Jobbers' special discount, and send us a sample order.

Chas. H. Gillespie & Sons,
Varnish Makers, 74 Cortlandt St., New York. Established 1824.



Consult us about anything in the Paint line.
General Office and Factory at CLEVELAND, OHIO.

Naval Stores Statistics.

We are indebted to Messrs. Paterson, Downing & Co. for the following stocks, receipts and shipments of naval stores during the month of August:

Movement at New York, Wilmington, Charleston, Savannah and Brunswick.

	1893.		1892.	
	Spirits.	Rosin.	Spirits.	Rosin.
*RECEIPTS IN AUGUST.				
New York...Net	3,477	9,416	4,289	18,718
Wilmington....	4,899	18,962	7,373	24,193
Charleston.....	4,131	8,436	2,583	8,708
Savannah.....	26,140	81,124	29,623	102,551
Brunswick	3,121	10,534	4,921	19,684
Total.....	41,768	128 412	48,789	173,854
RECEIPTS SINCE APRIL 1.				
New York.....	15,321	54 758	20,549	75,842
Wilmington....	24,678	82,353	32,647	102,168
Charleston	12,745	45,037	14,559	48,639
Savannah	152,961	388,538	167,303	434,281
Brunswick	25 208	68,399	28,747	74,447
Total..	230,953	639,085	263,805	735,377
EXPORTS IN AUGUST.				
New York.....	1,427	9,437	2,557	25,892
Wilmington....	3,446	10,943	3,767	22,428
Charleston.....	3,408	9,870	1.355	....
Savannah	13,246	56,219	22,082	56,348
Brunswick	4,933	8,300	5,601	12.162
Total.	26,460	104,768	35,362	116,830
EXPORTS SINCE APRIL 1.				
New York.....	8,071	72,799	11,783	100,991
Wilmington....	6,768	60,319	10,131	101,526
Charleston	8,289	29,860	4,844	32,196
Savannah	80,212	223,775	92,182	218,967
Brunswick.....	17.209	32,168	23,753	59.511
Total.....	120,549	418,921	142,693	513,191
STOCK, AUGUST 31.				
New York.....	789	24,127	1,829	22,177
Wilmington....	2,124	44,891	5,054	35,104
Charleston	1,991	9,346	1,443	15,982
Savannah	31,226	137,979	17,376	74,721
Brunswick	3,053	44,611	2.341	18,986
Total.....	3 ,183	298,954	28,043	166 970
*EXPORTS TO NEW YORK FROM				
Wilmington....	1,194	531	1,380	715
Charleston.....	130	60	229	2,490
Savannah	1,483	11,874	2,211	22,518
Brunswick	30	849	850	4,341
Total.....	2,837	13,314	4,670	30,064

*The above are not included in New York receipts, but are included in receipts at the given points. New York receipts are made up of outside points, as Georgetown, Florida, Mobile, etc.

Citric Acid from Glucose.

C. Wehmer claims to have prepared citric acid by the fermentation of glucose. He states that the acid is a secretion product of certain moulds, being formed in a manner analogous to that by which glucose is transformed into lactic and acetic acids by the action of bacteria. If saccharine solutions be exposed to the action of the moulds sugar is decomposed, carbonic acid being evolved and an organic acid formed, of which the properties and composition are said to be identical with those of citric acid obtained from lemon juice. According to the author this property is possessed by two species of moulds (moisissures) or filamentous fungi (champignons filamenteux) which have previously escaped observation on account of their resemblance to other well known species. He proposes to term them Citromycetes, the two species being distinguished as pfefferianus and glaber respectively. They are described as forming felt like green tissues, about half a centimeter thick, on the surface of suitable solutions, and as greatly resembling Penicillium, from which they are distinguished with difficulty. Various saccharine fluids, fruits, etc., favor their development, but solutions of glucose constitute the most suitable media, Under proper conditions as to temperature, aeration, etc., it is claimed that citric acid is formed to the extent of more than fifty per cent. of the glucose employed. Eleven kilos. of the sugar yielded six kilos. of pure citric acid in one experiment, without any secondary organic products being formed. The process has been patented.

504,211. Ship's Paint. Filed March 30, 1893. Issued Aug. 29, 1893.

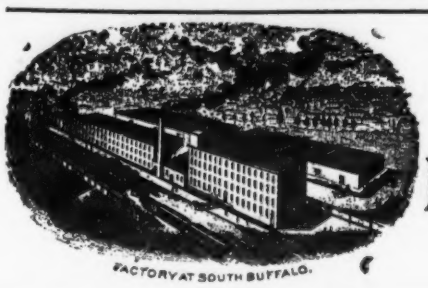
Claim.—A paint compound consisting of hydromagnesite, quicksilver chloride and magnesium chloride and metallic oxide, substantially as herein described.

THE S. P. WETHERILL COMPANY

PROPRIETORS OF THE
WESTMORELAND VENETIAN RED AND OXIDE OF IRON WORKS AND LAMBERTON CHEMICAL WORKS
MANUFACTURERS AND IMPORTERS OF
Indian, Tuscan and Venetian Reds; American and Foreign Umbers, Siennas and Ochres; Purple Browns, Metallic Oxides, Copperas, Barytes, Paris White, Whiting, Talc and Soapstone.
SOLE AGENTS for the Sale of the Products of the
LEHIGH ZINC AND IRON CO., and FLORENCE ZINC CO.
45 Cedar St. New York. Penn Mutual Life Building, 925 Chestnut St., Philadelphia.

W. C. PEALE & BRO.
MANUFACTURERS OF
STANDARD ASBESTOS MIXED PAINTS, PURE WHITE LEAD, PUTTY & COLORS
IMPORTERS AND DEALERS IN
WINDOW GLASS & PAINTERS' SUPPLIES
CINCINNATI, OHIO

E. S. Belknap Manufacturing Company
Successors to E. S. BELKNAP'S SON
The Oldest PUTTY Establishment in the United States
Near Maiden Lane No. 8 Gold St., New York City


FACTORY AT SOUTH BUFFALO.

The Kellogg Oil, Paint & Varnish Co.
BUFFALO, N. Y.
PAINT MANUFACTURERS
New York Office, 102 Barclay Street.

1828. James Corner & Sons 1890
BALTIMORE, MD.
SPIRITS TURPENTINE & ROSIN
LINSEED OIL

Salomon & Schwartz
MANUFACTURERS AND IMPORTERS OF
Paints, Colors, Bronze Powders, Etc.
112 William Street, New York.

MANHATTANVILLE COLOR WORKS
Established 1807
D. F. TIEMANN & CO

MANUFACTURERS OF
"English" or "California" QUICKSILVER VERMILION
PURE NO. 40 CARMINE
SOLUBLE BLUE, PAINTS AND COLORS
DRY, IN OIL AND IN DISTEMPER
Importers of BLACKS, REDS AND OCHRES
COLORS FOR PAINT GRINDERS A SPECIALTY
Office, 44 West Broadway | Factories, MANHATTANVILLE NEW YORK.

RAMBO & SPECHT
Manufacturers of
Eldorado Vermilion
Paints, Varnishes, &c.
Works, 1134 Beach St.. Write for Price List and Catalogue 981 N. Second St., Philadelphia.

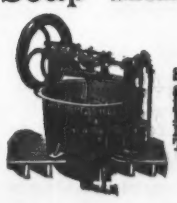
SEAVER & CO.,
MANUFACTURERS OF
Fine Ivory and Drop Black
FOR THE TRADE AND GRINDERS' USE.
30 Kilby Street, BOSTON, MASS.

Barnett & Co.
Factory and Office; 278 Passaic St., NEWARK, N. J.
Manufacturers of COLORS
SAMPLES SENT AND QUOTATIONS ON SPECIFIED LOTS.

PRACTICAL PAINTS FOR PRACTICAL PAINTERS & DEALERS
MADE BY
The Buckeye Paint and Varnish Co.
Toledo, Ohio.

R. J. WADDELL & CO.
52 Beekman St., NEW YORK
SOLE AGENTS IN THE UNITED STATES FOR
COMPOSITION PUMICE STONES
of the Schumachersche Fabrik.

THE LEADING HOUSE
H. Wm. Dopp & Son
MANUFACTURERS OF
Soap Makers' and Butchers' Machinery
462 Ellicott St., Buffalo, N. Y.



Swing-Foot Lever Soap Presses; Steam Presses; Soap Remelting Crotcher with or without 8 H. P. Engine attached. Steam Jacketed Toilet Soap Rendering and Refining Kettles; Hotel Kettles; Glue Pot Heaters; Steam Jacketed Vacuum Pans, Lard Dryer, Mixer and Cooler; Soap Cutting Frames; Steam Traps; Soap Dies, Hand Stamps, Soap Frames, &c. &c.

Write for Catalogue.
Mention this Advertisement

PURE Linseed Oil

is as necessary in making a good paint as is *Pure* White Lead. The market is full of adulterated oil, and the ruin of a great deal of painting is the result. *Consumers*, to protect themselves, and *dealers*, to protect their trade should buy only brands of oil well known for purity. The old established, "Atlantic" Pure Linseed Oil is always reliable.

NATIONAL LEAD COMPANY,
Atlantic Branch,
287 Pearl Street, New York

DEAN

LINSEED OIL CO.

181 FRONT ST.. NEW YORK.

REED, HALL & HEWLETT

18 & 20 PLATT ST., NEW YORK

Sperm, Whale, Elephant, Seal, Cod, Fish, Signal, Engine, Dynamo, Valve, Cylinder, Machinery,

MANUFACTURERS OILS SHIPPERS

Neatsfoot, Tallow, Lard, Saponified Elaine, Castor, Linseed Mustardseed Cottonseed West Virginia Paraffine, Wool Stock

Lubricating Greases and Soapmaking Materials.

Importers of Pure Olive, Rapeseed and Sesame Oils.

MAKERS OF

PURE CASTILE SOAP

for the Drug Trade and Fine Toilet purposes.

Scouring, Fulling, and Olive Oil Soaps for Woolen, Silk and Worsted Mills.

Factory Paterson, N. J

SOCIETE HYGIENIQUE ALIMENTAIRE

OLIVE OILS ONLY

Salad and Manufacturing

NO. 1 WATER STREET, - - NEW YORK.

JAS. RAINEY & CO.

SUCCESSORS TO

J. H. DUGGAN

Cottonseed Products

AND

OIL MILL SUPPLIES

General Commission Merchants

44 UNION ST., NEW ORLEANS.

Correspondence solicited.

HARRY J. PURSE

Manufacturers' Agent.

Brokerage & Commission

FOR

Oil, Paints, Colors, Chemicals. Drugs, Etc.

DETROIT, MICH.

Direct from Crushers

PURE

RAPESEED OIL

English, Danish, German, etc.

J. D. HAGE & CO., 19 Whitehall St., N.Y.

HOPKINS, DWIGHT & CO

COTTON

COTTONSEED OIL

—AND—

SOUTHERN PRODUCE

COMMISSION MERCHANTS

Rooms 52, 53 & 54

Cotton Exchange Building

NEW YORK.

GUSTAVUS C. HOPKINS.
CHARLES D. MILLER.
LUCIUS HOPKINS SMITH.
SAMUEL HOPKINS.

CHAS. B. TAINTER & BRO.

2 & 4 STONE ST., N. Y.

COTTON SEED OIL

New York Agents Kentucky Refining Co.

Liberal advances made on consignments, and inquiries invited for any grade.

Cable Address, "ANATEMA." Telephone call 889 B Cordt.

Delaware Lubricating Oil Refinery

HIRAM E. LUTZ, Proprietor

Manufacturer of Special Brands

VICTOR, RELIANCE AND ECLIPSE OILS

LOW GRAVITY HIGH FIRE TEST

For Engines, Spindles, Machinery, &c., &c.

PARAFFINE OILS AND WAX

Office, Sibley Building, 1214-1220 Philadelphia, Pa. Refinery, Thurlow, Pa

Correspondence Solicited. Samples sent on application

OIL MARKET

Note—*Our prices are for large lots except when otherwise specified, and buyers of small quantities must expect to pay an advance on these figures.*

Complete prices current will be found on page 41.

SATURDAY EVENING, Sept. 16, 1898.

The market for oils has not materially changed during the past week. Nearly all the business transacted was of a hand-to-mouth order, and large lots as a rule were avoided. Buyers are keeping closely to their actual requirements, avoiding all speculation, and manufacturers as a rule do not refine any more oil than they see a possibility of prompt disposal. There appears to be a manifestly better feeling in some department but as this was noticed on several occasions before, it may prove only spasmodic. Cottonseed oil is firmer in all positions with linseed oil steady at the late decline. The mineral oils as a whole are dull and easier.

Vegetable Oils.

Linseed.—Early in the week the market was very much demoralized, owing to the attempts of crushers and agents for outside oil to unload their surplus stocks, previous to the meeting of the crushers which was called for Wednesday to discuss the situation and see if steps could not be taken to check the downward tendency of the market and restore confidence once more among the various crushers. Unfortunately the meeting did not materialize, and as it it was indefinately postponed, and from present appearances the prospects of a future meeting are not very bright. As usual when a sudden break occurs buyers withdraw from the market in anticipation of lower prices. Consequently while considerable oil was sold for prompt and and September delivery, the volume of sales was small as none of the crushers would sell for future delivery or book large speculative orders. It was reported, however, that 500 bbls of city oil were sold at 35c, less 3c per gallon for casks to be returned. This was adopting the old style of sale before the recent combination was formed which allowed only 1½c per gallon. A further sale of 1,000 bbls was reported for September delivery at about 35c. There are plenty of orders in the market at prices ranging from 32@34c spot, and at 35c for delivery over the balance of the year, buyers' option. These have been declined, as at present price of seed it is claimed that oil cannot be crushed at a profit. The market closes at 37c nominal for city, and 36c for independent makes outside the National company.

Cottonseed.—The firmness noted at the close of our last was augmented on Monday, when several large orders for export came to hand for both prime summer white and off grades of summer yellow oil. The light stocks of the latter available for prompt delivery made it almost impossible for exporters to secure a sufficient quantity to fill their orders. The reports from the South all indicate crop prospects as being very unfavorable, and for the time being nearly all the mills have withdrawn their quotations for new oil. The West has been a free buyer of new crude for October delivery, at prices ranging from 26@28c loose at mills, the sales aggregating 6,000 bbls. At the close 30c was nominally quoted with 29c bid. On 'Change Friday 34c was freely bid for 300 or 500 bbls of prime new crude, October delivery here, without takers. The sales which we have been able to gather are as follows: 500 bbls prime summer yellow at 35c. 100 bbls do at 35½c, 300 bbls do at 36c, 200 bbls do at 36c, 300 bbls do at 37c, 250 bbls do at 37½c, 500 bbls do at 38c, and 300 bbls do at 38c; also 500 bbls do at 38½c, 800 bbls of off summer yellow for export at 34c, 400 bbls of choice summer white for export at 42c, and a further lot of 200 bbls was taken at 43c. At the close 43c was freely bid for further lots for export but 44c was lowest price acceptable. Soap stock is lower with sales of 30 bbls reported at 1½c, and 50 bbls in lots at 1¼c. Our New Orleans corresponeent wires us as follows: "Crude oil firm, 26c bid loose here, more inquiries than offers, buyers wanting oil even into December. No change in cake and meal." The market closes very firm, with the tendency upward for the next few weeks, pending the appearance of the new crop. Some of the more conservative dealers are inclined to think this boom in prices is premature and that in November we will see a drop in prices under pressure to sell the large stocks of oil, as these high figures will naturally stimulate mills to run to their full capacity. We quote prime summer yellow, 39@40c; off yellow, 36@37c, as to quality; off crude, 28@30c, as to quality; new crude, 30c, nominal loose at mills; summer white, 44c.

Messrs. Hopkins, Dwight & Co., in their weekly review of the market say: "Our cottonseed oil market closed last week dull and depressed with a small demand and prices showing a material decline, prime summer yellow having sold at 34@35c, off yellow at 30@33c. The crude oil market is nominal because there is no stock. There has been a surprising change in the tone of the market this week and prices gradually advanced as more confidence developed itself and a better inquiry was manifested. The foreign markets have improved to some extent, but the principal cause of the advance has been the very free buying of oil in Texas to go West at prices showing a material improvement. The week closes with the mills offering little oil, although we understand 27@28c has been bid from the West for prime crude September-October, f.o.b. mills at Texas points. 34c has been bid here to-day for prime October delivery. There has been a large business done at the West in crude oil at these prices, and it is believed that some liberal sales have also been made here at about these figures. Prime S Y sold early in the week at 36c, but has gradually appreciated in value and 38½c has been paid to-day. The stock of off oils in first hands has been practically exhausted, also the stock of crude, and what little business is done in these grades is in jobbing lots at relatively full figures. There is no eager desire to buy at this advance, many people feeling that we may see the market recede as soon as receipts of new oil show themselves. It is evident, however, from advices from the South that the prospects for good oil have been materially lessened in the last fortnight, especially in the Atlantic States, by continuous rains affecting the quality of cotton, and probably the same effect upon the quality

E. H. FERGUSON, Pres't. R. C. WAGGENER, Treas. J. J. CAFFREY, Sec'y & Sup

KENTUCKY REFINING CO.

LOUISVILLE, KY., U. S. A.

REFINERS OF ALL GRADES OF

COTTON SEED OILS

AND MANUFACTURERS OF

RED STAR (Fulling and Scouring) SOAP & SOAP STOCK

SPECIALTIES

ECLIPSE BUTTER OIL

Delmonico Cooking Oil
Nonpareil Salad Oil
Miners & Brewers Lamp Oil

Winter Pressed { White C. S. Oil / Yellow C. S. Oil
Summer { White C. S. Oil / Yellow C. S. Oil

Tank Cars Furnished Free for CRUDE COTTON OIL.

Cable Address "REFINERY, LOUISVILLE." Correspondence Solicited. Ask for Prices before Purchasing elsewhere.

Josiah Macy's Sons

191 FRONT STREET, NEW YORK

GENERAL COMMISSION MERCHANTS

RECEIVERS OF COTTONSEED OILS

Crude and Refined

Advances made on SOUTHERN PRODUCE

HILAND FLOWERS
1285 Broadway, N. Y. City
Chemical and Oil Broker
Correspondence solicited from manufacturers and large dealers.

Charles D. Helmbold & Co.,
BROKERS IN
Oils, Paints, Drugs, Chemicals, etc
Correspondence and Consignments solicited.
COLUMBUS, OHIO, U. S. A.

Cottonseed Oil THE COTTON OIL REFINING CO OF BALTO. CITY, MD.
Summer Yellow, Butter and Cooking Oils, Soap Stock.
Correspondence Solicited.
Best prices paid for Crude of Choice Grade, and liberal treatment ensured.

The Lincoln Manufacturing Co. of N. Y.
REFINERS OF
COTTONSEED OIL
No. 18 Broadway, New York. Works at Stapleton, S. I.
Tank Cars furnished Free for Crude Oil.

F. W. BRODE & CO.
MEMPHIS, TENN.
COTTONSEED .·. PRODUCTS
Miners' Oil
Winter Yellow
Summer Yellow
Summer White
Cooking Oils
CRUDE AND REFINED OILS
Meal and Cake, Soap Stocks
Correspondence Solicited. Samples sent on application.

FRANK L. YOUNG, 111 Purchase St., Boston, Mass.
REFINER OF
FISH OIL
IMPORTER OF
Pure Cod Oil, Sod Oil, Degras, Etc

DAVIS OIL CO.
Produce Exchange, NEW YORK
MANUFACTURERS OF
Lard, Neatsfoot and Tallow Oils
ALSO MANUFACTURERS OF REFINED ANIMAL OILS

T. J. PRESTON & CO.
LINSEED OIL
NEWARK, N. J.

COTTONSEED OIL
HAEBLER & CO., 71 Wall St, New York,
Invite Correspondence from Producers & Purchasers.

MERIAM & MORGAN PARAFFINE CO.
Manufacturers of
GOLD PRESSED PARAFFINE OILS
ROYAL PARAFFINE CANDLES.
REFINED PARAFFINE WAX.
PARAGON AXLE GREASE.
OILS FOR GENERAL MACHINERY.
"CUTTERS' FINISHING" OILS.
"PARAGON SPINDLE" OIL.
"Paragon Grease Never Gums."

Office and Manufactory, CLEVELAND, OHIO.
Branch Offices, BOSTON & CHICAGO.

MICA AXLE GREASE

THE CINCINNATI TRANSFER CO.,
Cincinnati, Ohio.
Mica Axle Grease is very satisfactory in every respect. Quite superior to any axle grease we have ever used before.
W. J. Winterbottom, Supt.

We endorse the above.
Griffith & Hill, Lumber Dealers.
Jas. Griffith & Sons, Planing Mill.

Springfield, Vt.
I have a large sale of Mica Axle Grease. It wears three times as long as any I ever used. Minor W. Newton.

Eldorado, Wis.
We have sold Mica Axle Grease for five years. It is the best Grease manufactured. C. H. & Buell Anderson.

Detroit, Mich.
I have used Mica Axle Grease or about eight years with the very best satisfaction. It doesn't run off the axle in hot weather; and it doesn't chill and harden in cold weather. I have used almost all other makes of axle grease and consider the Mica worth more than twice as much as any other for my use. J. C. Carpenter, dealer in coal and wood,

Manufactured by the
STANDARD OIL COMPANY
Cleveland, Ohio

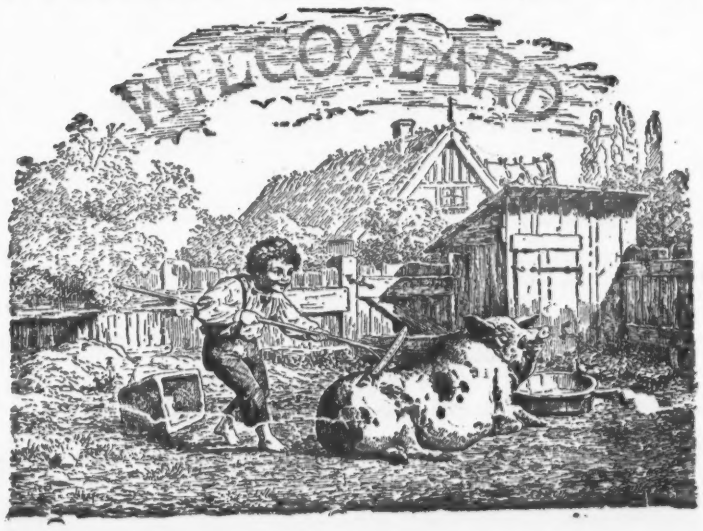
George Delano's Sons
REFINERS OF
SPERM, SEA-ELEPHANT, WHALE AND MENHADEN OILS
Refined Spermaceti, Sperm and Paraffine Candles
WHALE AND FISH PRESSINGS
SPERM, WHALE AND FISH OIL SOAPS
Factory, New Bedford, Mass. 176 FRONT STREET, N. Y.

STANDARD ALCOHOL and COLOGNE SPIRITS

Distilled from GRAIN in a NON-TRUST HOUSE, offered for sale FREE of REBATE VOUCHERS.
FRANCIS KELLY & CO., Wilmington, Delaware

The W. J. Wilcox Lard and Refining Co.

WARRANTED
PURE
HOG LARD



ROOM L
Produce Exchange
NEW YORK

of seed and oil. At any rate, the mills are offering practically nothing from this quarter. We are also advised from Texas that nearly all the mills have sold for thirty days ahead and are unwilling to make any further offers at present owing to the poor prospects for seed and small receipts. We quote prime s-y 38½@40c, off yellow at 32@35c no stock, prime white 43@45c; prime crude, 33@35c, nominal, no stock, 34c bid for prime crude October delivery, off crude nominal at 27½@30c. The sales have been sufficiently large during the past fortnight to materially reduce the stock of yellow oil, so that practically the trade enters the new season bare of supplies, while there is no prospect of early arrivals of new oil at present. The monetary difficulties that have prevailed throughout the country have delayed the marketing of cotton and the marketing of seed and the ability of mills to finance for purchases of seed and thus curtail the early crush. Unless the weather improves so that October cotton can be picked under favorable conditions the prospect next season is good for a small crop of prime goods and a large proportion of the total crush may be of off grade and oils made from seed more or less damaged by the unfavorable weather in which it has been gathered. With a firm lard market and probable good demand from that quarter for prime goods the prospect as to the price for prime oils is materially changed for the present."

Exports of cottonseed oil from New York by countries:

	For week ending Sept. 14 1893. Gls.	Since Sept. 1, 1893. Gls.	Same time last year. Gls
Africa	4,939	....	....
Argentine Republic	5,002	....	....
Australia	....	....	....
Austria	....	....	720
Belgium	....	....	....
Brazil	....	490	6,678
Br West Indies	3,000	1,410	4,901
Br Guiana	2,757	1,746	3,724
Canary Islands	....	....	....
Central America	....	595	....
Chili	....	....	....
China	....	....	....
Cuba	....	....	924
Dan West Indies	....	....	59
Denmark	....	....	...
Dutch Guiana	....	....	....
Dutch East Indies	....	....	....
Dutch West Indies	....	....	....
Ecuador	....	....	....
Egypt	....	....	....
England	176,247	....	9,966
France	5,090	7,414	21,217
French West Indies	1,011	....	....
Germany	12,602	19,983	2,650
Greece	....	....	....
Hayti	....	....	258
Ireland	....	....	....
Italy	33,195	....	271,134
Japan	....	....	....
Mexico	....	....	599
Netherlands	2,604	....	6,526
New Zealand	....	2,500	....
North America	....	....	2,567
Norway & Sweden	....	....	....
Peru	....	....	---
Phillippine Islands	....	....	....
Porto Rico	....	....	....
San Domingo	....	993	....
Scotland	....	....	....
Spain	....	....	....
Turkey	....	....	....
U. S. Columbia	....	....	....
Uruguay	...	....	1,242
Venezuela	....	....	....
Total	246,366	35,131	353,165

Exports of cottonseed oil from New Orleans by countries:

To	For week ending Sept. 14. 1893. Gls.	Since Sept. 1. 1893. Gls.	Same time last year. Gls.
Austria	....	118,850	....
Belgium	....	....	....
England	....	....	....
France	....	....	....
Germany	....	....	....
Gibraltar	....	....	....
Italy	....	....	....
Mexico	....	....	....
Netherlands	200,000	....	....
Portugal	....	....	....
Spain	....	....	....
Total	200,000	....	....

Exports of cottonseed oil from Baltimore by countries.

To	For week ending Sept. 14. 1893. Gls.	Since Sept. 1. 1893. Gls.	Same time last year. Gls.
Belgium	....	....	....
Brazil	....	....	....
England	....	....	....
France	....	....	....
Germany	....	....	....
Italy	....	....	....
Mexico	....	....	....
Netherlands	....	15,350	....
Total	....	15,350	....

Cocoanut Oil, &c.

Ceylon.—The non-arrival of the Anamba with about 700 tons is now causing some anxiety to those who have been depending upon the arrival of this vessel to supply their current wants. The Sea Witch just to hand only brings about 150 tons, the bulk of which it is reported will go direct into consumption. There have been several small sales of spot oil at 5⅝@5¾c, as to quantity, holder and style of package. Cochin oil does not show much life, still small lots of 5 and 10 tons are being sold from dock at 6¼c. For store parcels they are quoting 6⅝@6¾c, as to quantity and holder.

Olive.—The demand for spot goods has slacked off to a considerable extent during the past week, buyers generally only taking small lots to meet their daily wants, and these are supplied at 59@60c, as to quantity and holder. Near-by arrivals and October-November shipments are held at 58c, shipments of new crop for January forward are quoted at 55c, with bids solicited. Olive foots on the spot are quoted by first hands at 5c, but from outside holders who are anxious to sell it is reported that 4½c is named for a round lot. Shipments over balance of the year are quoted at 4¾c. For new crop 4½c is asked.

Animal and Fish Oils.

Cod Oil.—The reports from fishing districts continue poor. There is considerable oil, however, in fishermen's hands awaiting an active demand, but as important action has ceased to be a feature and the competition of other similar oils so strong, it is doubtful whether this oil will be in movement for some time to come. Small sales have been made, however, on the former range of prices.

Lard Oil.—Continuance of the past quietness remains the features of this market. The past dullness has reduced orders to the minimum, and only small jobbing parcels were in transit. The situation in most branches of the oil department show signs of improvement, but apparently this better and stronger feeling has not as yet become manifest in this market. Values for the prime grades continue on the range of 67@68c, the off-grade oils remaining in about the same position as when last reviewed.

Menhaden Oil.—This market evinces more signs of activity than it has for weeks past. Sales of 2,000 barrels northern oil were transacted on the regular range of prices. A few smaller lots were also disposed of. The supplies of this oil are fast becoming depleted, and as additions to it are slowly made and of small quantity it is doubtful whether there will be sufficient for the requirements of fall and winter consumption. Quotations are; Brown strained, 38@39c; light strained, 39@40c; bleached winter, 43c; extra bleached winter white, 46c. as to quantity.

Red Oils.—Ordinary distribution still continues, but important action is in abeyance. This lack of demand, however, has not seriously affected prices, they continuing on the range of 4½@4¾c for saponified as to quantity.

Sperm Oil—The crude sperm oil market has been quite active during the past week, with sales of 300 bbls inferior oil on private terms; also 500 bbls merchantable reported at 65c, for manufacture. Most of the oil now in first hands has been stored and holders continue to firmly demand 70c. Manufactured oils were in light request at the following prices: Natural winter 85@87c, bleached winter 90@92c, natural spring 79@81c, bleached spring 84@86c.

Whale Oil.—In the crude whale oil market a single sale of 60 bbls northern oil for manufacture was reported at 40c. Holders for the most part are not pressing their oils on the market, preferring to wait a more active demand. In the local market, apart from the average distribution incidental to a week's business, no movement was observed. Values are 48c for natural winter, 47c for natural spring, 51c for bleached winter and 53c for ex-bleached winter, as to quantity and seller.

Mineral Oils

The general market for mineral oils has been quiet during the past week with a moderate distribution composed of jobbing parcels for consumptive requirements. In the absence of important action values are more or less nominal.

Black Oils.—Jobbing parcels were in moderate request, but orders for large quantities were neglected. Values, however, are unabatedly held on the basis of former quotations.

Filtered Oils.—Indifference on the part of buyers continues and as there was no disposition shown by sellers to realize during the past week, the market wore a quiet appearance.

Cylinder Stocks.—Again we record an uneventful week. The volume of transactions did not exceed that of former weeks. The inquiry for future supplies was indifferent, with prices as last reported.

Wax, Lard, Tallow, &c.

Paraffine Wax—Crude is quoted at 3¾@4c for 124@126° test. The inquiry during the past week was somewhat stronger for export, but for local requirements but little interest was manifested. The exports as given by the government table show a marked increase over former corresponding periods evidencing that the demand for wax for foreign manufacture is yearly increasing. Refined was in moderate request, and considerable was done in a jobbing way. We quote 135° at 8c, 130° at 7¾c, and 125° at 6¾c.

Lard.—This market was firmer and higher, with more active trading than for the preceding week. Western was nominally 9@9 10c, with sales at the inside figure to refiners. City was in less urgent demand with 8¾c bid and 8⅞c asked. Refined sold in a moderate way at 9 70c for continent and 10c for South America.

Stearine.—This market was inactive for lard at 11¼c. Oleo was in good demand and sales were made at 11½c. Oleo oil was in better request than for some time past, and prime grades were commanding remunerative prices.

Tallow.—A more active demand, easily satisfied, was the characteristic feature of this market. Sales of small quantities were frequently transacted both for local and out-of-town consumption, on the basis of 4⅞c. Some special grades were commanding higher values, but were in less urgent demand.

Oil Cake, Meal, Etc.

Linseed Cake.—The market for oil cake was in somewhat better condition and a good distribution for export was reported. The quotations now ruling range from $25 50@26, as to seller.

Chicago Oil Market.

[Special to the REPORTER.]

Linseed Oil.—Only such sales as are dictated by necessity are reported upon a market which, if not positively falling, at least verges upon uncertainty. Linseed oil is nominally quotable at 38c, and this is the figure of the National Company, and of some of the independent crushers. There are, however, rumors of lower offerings but no sales are reported at less than 38c. The outlook for sales is not specially bright, and the course of prices is as yet uncertain.

Flaxseed.—The period under review has been marked by considerable increased activity in both movement and sales, as is fully shown in the detailed statements set forth below. A comparative view of the total movement for the past six days is shown in the annexed summary:

	Receipts.	
Week ending	1893.	1892.
Sept. 13	319,548	160,630
Sept. 6	50,889	217,914
Aug. 30	147,724	190,115
	Shipments.	
Week ending	1893.	1892.
Sept. 13	144,067	200,136
Sept. 6	56,217	273,439
Aug. 30	145 285	268,422

The bulletin of the registrar showed an increase in the supply in public elevators and bins and in special bins amounting to 48,658 bushels. This week's percentage of flax grading below No. 1 was 4 3-10; that for a year ago, 3 2-10 per cent. Special bin stocks decreased 697 bushels only. As compared with a year ago stocks (all around) are 1,968,442 bushels less, or in the ratio of one to eleven. Another factor in the existing situation which ought not to be ignored is the disparity between the quantity of seed carried by crushers at the present time and a year ago. The receptacles of local mills are comparatively empty of flax, while twelve months since some of them were filled to their utmost capacity. The subjoined table shows the amount of flaxseed in regular elevators and special bins in Chicago, by grades, for the dates indicated;

Grade.	Sept. 11. 1893.	Sept. 4. 1893.	Sept. 12. 1892.
No. 1	189,068	140,355	2,034,159
Rejected	8,065	7,427	57,279
No grade	609	600	11,026
Reg. stocks	197,742	148,391	2,102,464
Special bins	1,506	2,203	65,226
Total	199,248	150,594	2,167,690

The official figures of the inspector exhibit an increase in arrivals which has been as marked as it was unexpected. Most of the seed coming in is of the new Northwestern crop, and is of excellent quality as may be seen from an examination of the appended tables, which affords data for comparison. The figures given have reference to cars:

Week ending	No. 1.	Rejected.	No grade.	Total.
Sept. 13	632	15	7	654
Sept. 6	322	18	5	345
August 30	189	8	4	201

The inspector reports an outward movement decidedly more brisk than that for several weeks preceding. This is partially due to frequent, but guarded purchases by brokers representing eastern mills. Exporters have also been favored by a decline in ocean freights, and inquiry was noticeable from that quarter until prices seemed to get a trifle in advance of their limit. There has been considerable vessel-room engaged, and the quantity of seed "billed through" or "not to be inspected" continues large. The following tabular statement is condensed from the official postings of flax "inspected out" (or withdrawn after inspection) for the past three weeks. The figures are given in bushels:

Week ending	No. 1.	Rejected.	Total.
Sept. 13	131,961	....	131,961
Sept. 6.	36,626	....	36,626
Aug. 30.	76,695	1,400	78 095

The seed moving from this point without inspection together with the total outward movement, is shown in the annexed statement:

Week ending.	Actual withdrawals.	Not inspected.	Total outward movement.
Sept. 13.	131,961	29,350	152,311
Sept. 6.	36,626	18,700	55,326
Aug. 30.	76,695	18,700	45,395

The past week has witnessed, besides a limited but higher range of values, considerable activity among buyers, for both cash seed and future deliveries. Seed on track was in fairly good request, and for the first time in several weeks there was a demand for flax from store. Northwestern seed was at a premium, and f. o. b. northwestern flax from store brought 1c better than ordinary quotations. Just as outside quotations were reached there came reports that the northwestern crop had been practically harvested, and that farmers were marketing it as rapidly as possible. This rumor, together with the break in oil, rather tended to depress prices. Crop estimates confirm previous advices, and the tendency in the northwest has been to sell at the outside, even if the selling orders should break the market. Reported sales on 'Change have aggregated 491 cars and 29,000 bushels (besides 50 bags) of No. 1, 8 cars of rejected and 2 of no grade—some 545 cars in all. Opening at $1 03, cash No. 1 dropped to $1, and after recovery fell to $1 01, closing at $1 04. This week's range has been $1@1 04. Lower grades sold by sample at 94@99c, according to quality. Market values for future delivery seemed to be somewhat affected by rather liberal selling orders. One fact seems to be tolerably well assured—the crop will fall considerably below the aggregate capacity of American mills, but will probably be about equal to consumptive requirements. In the speculative market, October delivery has been the focus of attraction. Of this option sales have aggregated 203,000 bushels. Prices have ranged between $1 01 and $1 03. September has sold sparingly, buyers displaying considerable caution. The volume of sales reported has not exceeded 1 car and 10,000 bushels at $1 02½@1 03½. November seed also attracted notice, transactions in this future having reached 5,000 bushels at $1 02@1 02½. A little December (61,000 bushels) brought $1 04@1 06. To day's market was somewhat unsettled, although preference was manifested for seed arriving on certain lines. Buyers, however, demurred to the payment of premiums which they regarded as exorbitant. No. 1 ranged from $1 03@1 03½, with a preponderance of sales at the outside, the market closing with $1 03¼ bid for the less desirable locations. Rejected sold sparingly at $1 00½. Speculative trading was limited. For September $1 03 was bid, but at this there were no sellers. October sold a $1 03½. For December $1 06 was bi

and a little was sold at ⅛c better. Receipts fell off and the output appreciated.

Oil Cake.—The situation remains practically unchanged. There seems to be a derth of bids for export, and it is not east to say just what this market is. Probably $21@21 50 would approximate the net value, in Chicago, of the scattering bids heard. For some reason foreign buyers seem to be able to struggle along without American cake, the exportation from Chicago for the first seven months of 1893 having aggregated only about 3,200 tons, as against 9,000 tons during the same period of 1892. Meal is fairly active at unchanged quotations —$24.

Oleo Oil.—The Holland oleo market has shown less activity this week, but more strength, fancy grades having advanced to 65fl. This is attributable to an increased inquiry for margarine, which in turn is to be ascribed to a scarcity of natural butter in England. Sales, however, have been only fairly liberal, transactions for the period under review being estimated at but 4,200 tierces. Exports continue light, those for the week having aggregated about 3,300 tierces. The latest cables received indicate a continuance of the firm feeling, with some symptoms of a yet further appreciation in values, should exporters from this side be so moderate as to prevent an accumulation of stocks at Rotterdam.

Lard Oil.—The market for lard has generally ruled strong, with a fair inquiry for cash lots, but only moderate trading in speculative deliveries. The first transaction of the season in "year" lard was made this week at $7 75, or from 50@75c under cash. Cash lard is scarce, offerings being very light and the demand brisk. The options chiefly in request have been September, October and January, all which have ruled higher. September closes at about $8 50, October $8 50@8 60, and January at $7 70@7 75. To-day's sales of cash lard were mainly of "loose," values ranging from $8 27½@8 50. Oleo stearine continues to advance. To-day's market is strong and favorable to holders, the quotable price being about 12c. All grades are quiet and rather easy, yet quotably unchanged. White is held at 4½@5c; yellow at 3¾@4c, and brown at 3¼@3½c. Current quotations for lard oil for all grades of which the consumptive inquiry is rather quiet —are about as follows: Extra, 65c; extra No. 1, 50c; No. 1, 35@37c; No. 2, 32@34c.

Neatsfoot Oil.— The consumption remains only normal, or, in other words, restricted. Buyers are indifferent, but limited production produces firmness on the part of sellers. Quotations this week exhibit no change, pure being still offered at 50c, while first-rate No. 1 is purchasable at 40c.

Tallow Oil.—There is a fair demand for tallow and nominal quotations are a trifle higher. Prices for the various grades in this market are about as follows: No. 1 packers' 5@5⅛c, No. 2 packers' 4¾@4⅞c, No. 1 country about the same as No. 2 packers' and No. 2 country offered at 3¾@4c, with reported sales chiefly at the inside. The inquiry for tallow oil does not, in any degree, exceed the normal average of the season, yet there is moderate consumption at 45c.

(*For St. Louis and Boston Oil Markets see page 34.*)

NAVAL STORES

Note—*Our prices are for large lots except when otherwise specified, and buyers of small quantities must expect to pay an advance on these figures.*

Complete prices current will be found on page 41.

SATURDAY EVENING, Sept. 16, 1893

Spirits Turpentine.—There still continues an absence of important demand, although values influenced by the unsettled condition of the primary market have advanced to 28c for regulars, and 28½c for machine barrels. The Savannah market opened on Thursday at 26c, but there was a very indifferent interest shown by buyers and no sales were accomplished. At the close 25½c was bulletined for regulars with sales of 500 casks.

Rosins.—The market for the different grades of rosins was much drmer and prices, owing to a fair demand and small stocks, were materially advanced. Arrangements have been consumated whereby the shipment of rosins can be promptly made, but as the work of resampling is slow, it may take some time before a settled condition again prevails. Savannah advises an advancing market with a continuance of a good demand. Sales on Thursday amounted to 2,500 barrels. We quote prices locally as follows: Common $1 10, good strained $1 12, E $1 20@1 25, F $1 45@1 50, G $1 50@1 60, H $1 60@1 70, I $1 90, K $2 50, M $2 70, N $3 60, W G $4 00, W W, $4 25.

The statistical position of naval stores in New York for week ending Sept. 16, 1893, as given by Messrs. Geo. L. Hammond & Co., was as follows:

	Rosin. bbls.	Turpentine. bbls.	Tar. bbls.
Stock reported Sept. 8, 1893...	22,021	1,359	1,793
Receipts.....	1,379	1,147	536
Deliveries	5,156	1,066	532
Stock in yard Sept. 15, 1893.	18,244	1,440	1,797
Transfers.....	251	255	50

STOCK ON HAND AT

	Spirits. bbls.	Rosin. bbls.
New York, Sept 16.....	1,440	18,244
Wilmington, Sept 15....	2,195	52,592

SAVANNAH NAVAL STORES STATEMENT, SEPT. 14, 1893.

	Spirits.	Rosin.
Stock on hand April 1	7,443	68,573
Received yesterday...	511	998
Received previously..	158,665	415,922
Total.....	166,629	485,493
Exported to-day.....	9,492	13,169
Exported previously..	137,579	330,065
Total.....	147,071	343,234
Stock on hand and on shipboard to-day.....	19,037	136,959
Stock same day last year	15,329	77,188
Received same day last year.....	866	3,117

Price spirits turpentine same day last year, 26c.

Recent Patents.

504,064. Manufacture of Varnish. Filed Jan. 13, 1893. Issued Aug. 29, 1893.

Claim.—1. The process of making a cleared shellac solution herein described, consisting in dissolving the shellac in an alcoholic solvent, adding a solvent of the soluble impurities immiscible with the alcoholic solvent, subjecting the compound to a temperature of not less than 30° C., and separating the alcoholic solution from the compound, as and for the purpose set forth.

The process of producing pure, clear and concentrated solutions of shellac consisting of dissolving the shellac in any alcoholic solvent thereof, then adding to the solution a solvent of the soluble impurities of the shellac immiscible with the alcoholic solvent, permitting the compound to stand at a temperature not lower than 30° C., until the liquids have separated, and then drawing off the alcoholic solution, substantially as described.

WANTS

SPECIALS OR NOTICES *in this column are at the rate of Two Dollars for each insertion—for eight lines or less. All over eight lines Twenty-five cents per line of about six words. The full amount in cash must accompany all orders*

TRAVELING SALESMEN

Of all kinds can hear of something to their advantage by sending business card and address to O. O. O'BRIEN, care of this paper.

ELECTRICAL FIXTURES.

A lot of electric light stands, sockets and shades for sale cheap; in use only a short time; can be seen at the office of this paper. 72 William Street, N. Y.

CAPITALISTS ATTENTION.

I am authorized by the owner of well paying petroleum wells situated in a prosperous Spanish American Republic to negotiate for capital to extend, or bond or sell same. By judicious investment, output can be increased tenfold and made a powerful competitor in the Pacific Coast petroleum trade, also to China, Japan, India and Australia. Experts consider extension of fields equal to those of Pennsylvania. For further details address, W. E. VON JOHANNSEN, Commission Merchant, 220 California street, San Francisco, Cal.

VARNISH SALESMEN

of experience, with established trade can secure good positions with a representative house; reference required; communications received in strictest confidence. Address "VARNISH," care of this paper.

FOR SALE.

Thirty-two graded lots in one or more tracts; well located for factories or mechanics' houses. Also brick varnish factory with wooden extension 200X35, with two 80 h. p. boilers; all in first-class condition. Apply on the premises of the owner, Chestnut, Jefferson and Malvern streets, Newark N. J. Factory with ground enclosed 200X110 ft., with more adjacent land if required. The whole tract is bounded by three streets, with sewer, gas and water available, and about 400 x225 ft. ARTHUR W. PALMER & CO

FOR SALE.

One 22 in. French buhr stone paint mill, one 18in. iron paint mill, and one 8 in. iron paint mill (power) for grinding paint samples; all of the above are new mills, guaranteed to be in excellent condition, and will be sold at very reasonable prices. Address WALTER S. HILL, P. O. Box 1819, Boston, Mass.

DRUG BUSINESS FOR SALE.

Owing to the death of one of the proprietors, the executors offer for sale one of the oldest and most prosperous drug establishments in the South; the business is in the best possible condition and is annually increasing in volume, and can be purchased in its entirety, or an arrangement can be made with the surviving partner; the wholesale and retail features are combined in its conduct. For full particulars address "DRUG BUSINESS" P. O. Box 247, New York City.

WANTED.

A large chemical factory wants an energetic pushing representative in Chicago; must be well acquainted with the wholesale drug and grocery trade. Address with references "D. L. E.," care of this paper.

WANTED.

German chemist of twelve years experience is open for an engagement; first-class testimonials; 6 years in this country; now in Europe; thoroughly trained, theoretically and practically. Address "CHEMIST" P. O. Box 233, Boston, Mass.

YOUNG MAN WITH $5,000 CAN SEcure salaried position and good interest in best patent medicine on the market; fullest investigation desired; sales now about 200 gross annually; merit and profit unequalled; capital to be used to introduce article to every druggist in the United States, upon new plan highly endorsed by advertising men. Address "KING" care of this paper.

$6,000 FOR $4,000.

One of the best drug stores in Erie, Pa., will be sold for the above price; clean stock; good trade; full prices for all patent medicines and everything else; trade all cash; store on the main street and on the right side for business. Address for particulars GRACE LYONS, 1120 State St., Erie, Pa.

STRAIGHT TANKS

Salesmen and intending purchasers of Tanks should recognize the fact that there are GRADES of these goods and details of construction nearly as various as in Oils and Paints. Prices of Straight Tanks are influenced by:

1.—MATERIAL—Weight, kind, quality.
2.—SEAMS—Riveted, double-seamed, or neither.
3.—SHAPE—Round or square, high or low.
4.—WOOD BOTTOM—Single, double, or none.
5.—TOP—With screw, 1-2 open, loose cover or wood.
6.—OUTLET—Brass Faucet or Gate, what size and make.
7.—FINISH—Painted, color, lettered or plain.
8.—CONSTRUCTION—Best workmanship or slop job.

THE QUALITY FITS THE PRICE.

Tanks with glass tube indicators made to order. We make to order any sized Tank up to 3,000 gallons.

RULE FOR ASCERTAINING CAPACITY.

ROUND TANKS.—Square the diameter in inches, and multiply by the height in inches, and product by .34 point of four decimals, and the result is in gallons and fractions. . . . . $\frac{34\ H\ D^2}{10000}$=G

SQUARE TANKS.—Divide the product of the height, length, and width in inches by 231, and the result is in gallons and fractions. . . . . $\frac{H\ L\ W}{231}$=G

F. C. WILSON & CO.

230 & 241 Lake Street, CHICAGO, ILLS.

F. C WILSON & CO,
Mfrs. of Oil Tanks and Pumps.
CHICAGO

SHEET LEAD COLWELL LEAD CO., 68 Center St., New York. ALSO MANUFACTURERS
Chemical Lead Pipe, Lead Wire, Block Tin Worms, etc., for Chemical Purposes

KALON OIL

The Best Known and Most Popular

Substitute for Linseed Oil ever made

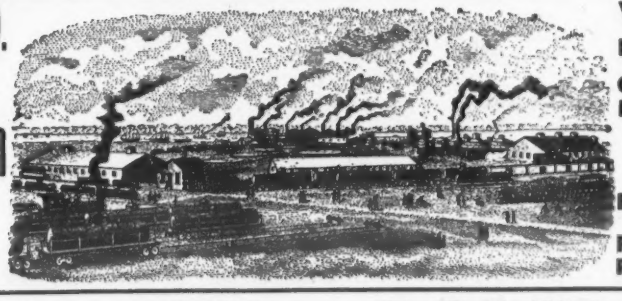
W. H. Magoffin, Philadelphia

THE PARAGON REFINING CO.

Toledo, Ohio, U.S.A.

Refiners of Petroleum

ILLUMINATING OILS and NAPHTHA and GASOLENE



WHITE SWAN" 150° Water White for Parlor use.
BLACKSWAN High grade reliable Water White Oil.
GASOLINE for Stoves and Gas Machines
NAPHTHAS for Varnish & Painters' trades

MANUFACTURERS OF LUBRICANTS & GREASES
ENGINE AND CYLINDER OILS,

PREMIER COMPOUND a light grease for journals and axles
PREMIER BLACK GREASE
PREMIER LEATHER DRESSING

ACME OIL COMPANY

Refiners of Petroleum

Manufacturers of the Crown Acme Oil

Prepared with great care for Family use, absolutely safe and the best illuminator in the World

Works at Olean, N. Y. **Main Office, 26 BROADWAY, NEW YORK**

PETROLEUM MARKET.

SATURDAY NOON, Sept. 16, 1893.

The week opened with a slight rebound from the figure reached last Saturday, anything beyond 65c having proved to be more than could be sustained. The course of the market during the entire week has been downward, but there was no effort on the part of operators to bring this about, the market merely sagging off for want of additional support. The bullish pipe line report having spent its force the price could not be kept up without support from the fields, and the reports from that source being rather bearish in its tenor caused the market to give way. Trading has been very light, although the few operators who may still be seen about the bdll ring, irrigating the sawdust therein, evinced rather more than ordinary interest. The principal feature of interest the past week has been the pipe line report, which is discussed in our editorial columns, and the usual extended tabulated statistics of runs, deliveries and stocks will be found on another page. The general opinion appears to be that the statistics fully warrant the advance gained on Saturday last, but the market is peculiarly sensitive to reports from the producing fields. A synopsis of the reports of the three principal pipe lines is appended;

National Transit Co.	July.	August.
Outstanding certificates...	5,580,000	5,338,000
Credit balances.....	4,374,433	4,223,773
Net stocks.....	9,954,433	9,561,773
Tidewater Pipe Co.		
Outstanding certificates....	15,000	14,000
Credit balances.....	375,606	347,593
Net stocks.....	390,606	361,593
Buckeye Pipe Line Co.		
Outstanding certificates..	16,526,000	16,526,000
Credit balances.....	1,253,733	1,603,767
Net stocks.....	17,779,733	18,129,767

The transactions during the last week show a decrease from those of the previous week, the sales footing up 13,000 bbls against 17,000 bbls for the preceding week. The clearances of the local exchange amounted to 0,000 bbls against 24,000 bbls during the preceding week. The total clearances reported for the Oil City exchange amounted to 504,000 bbls, against 364,000 bbls for preceding week. The highest price of the week was recorded on Monday, when 65c was reached. The lowest point of the week was 64c, and was touched on Thursday. The opening price last Monday was 65c, and the close this noon was at 64c, showing a loss of 1c as a result of the week's trading, while the extreme range of fluctuations for the week was 1c. The range during the corresponding week last year was 53⅞@55⅝c.

Following is given the opening, highest, lowest and closing figures for each day, in tabulated form for comparison:

National Transit.	Opening.	Highest.	Lowest.	Closing.
Monday.....	65	65	64¾	64¾
Tuesday.....	64¾	64¾	64¾	64¾
Wednesday.....	64½	64½	64½	64½
Thursday.....	64	64	64	64
Friday.....	64	64	64	64
Saturday.....	65½	65½	65½	65½

The amount of daily sales and total for the week follow:

	N. T.
Monday.....	7,000
Tuesday.....	1,000
Wednesday.....	0,000
Thursday.....	0,000
Friday.....	5,000
Saturday.....	0,000
Total for the week.....	13,000

The clearances at the several exchanges were as follows:

	New York.	Oil City.
Monday.....	0,000	82,000
Tuesday.....	0,000	78,000
Wednesday.....	0,000	46,000
Thursday.....	0,000	0,000
Friday.....	0,000	298,000
Saturday.....	0,000	0,000
Total week.....	0,000	504,000

Following is the range of prices of National Transit certificates during the corresponding week last year:

Sept. 12.....	52¾@55¾
" 13.....	54¼@55¾
" 14.....	54¼@54¾
" 15.....	54¼@—
" 16.....	53⅞@54
" 17.....	53⅞@—

REFINED AND PRODUCTS.

The past week has again been a busy one with exporters of refined petroleum, the requirements of the bulk vessels on this side having been large and there being a good demand for barreled oil, which brought the total engagements to over 200,000 barrels. This steady demand for export does not confirm the report in a foreign exchange to the effect that the storage capacity of the English and continental markets have latterly been taxed to their utmost to store our overproduction. The facts are that vessels have at times been compelled to wait for their cargoes, the demand being really in excess of the capacity of the refineries, while if the storage capacity were taxed to its utmost there certainly would be no urgent demand for further supplies. The price of barreled oil has remained unchanged at 5·15c for New York loading, and 5 10c for Philadelphia loading. Bulk oil has also been steady to 2·65c. The principal foreign markets are steady. To-day's quotations by cable were: Antwerp, 11⅝f; Bremen, 4·60m; London, 4d, and Liverpool, 4@4¼d. Freight rates are steady at 2s@2s 3d hence to London, and 2s@3s to Continental ports, as to port and vessel. Home trade lots have been in fair request and are firmer on the basis of 7⅝@7⅞c for 150° water white, and Western at 7⅛@7¼c

Cases for export have been in active request, and sales of over 500,000 are reported. The price for plain tops has been steady at 5·90c. Freight rates are steady. The nominal rates for large vessels are: For Java, 17½@20c; Japan, 19@22c; Yokohama, 22@23c; Calcutta, 15@17c; Smyrna, 22@23c; Bombay, 16@17c; Rangoon, 16@17c; Singapore, 19@20c; Hong Kong, 18@19c, and for Shanghae, 23@24c; Penang, 19@20c.

Crude for export has been in fair request, and sales of about 10,000 bbls are reported. Washington crude is quoted at 5·40 in bbls and 2·80c in bulk. Cases for export have been neglected, and no sales are reported.

Prime city naphtha has remained unchanged at 5·50c. For export no sales are reported.

Western residuum is nominally quoted at 2⅝@2¾c in bulk at refineries. Barrels are quoted at 5@5¼c. Lima residuum is offered at 4¾@5c in barrels.

Closing Quotations.

CRUDE.

National Transit Certificates ₩ bbl	64 @64½
Washington crude in bbls .. ₩ gal.	5·25
" " bulk.....	2·65
Residuum, bbls., for export.....	5 @5¼

REFINED, FOR EXPORT.

Cargo lots, for export.....₩ gal..	—@5·15
Philadelphia loading.....	—@5·10
In bulk.....	2·65

REFINED—JOBBING LOTS.

110 fire test, S. W.....₩ gal.	6¼@ 6½
120 fire test, S. W	6½@ 6¾
130 fire test, S. W	6¾@ 7
150 fire test, W. W	7¼@ 7½
300 fire test.....	9 @10

REFINED IN CASES. 110 FIRE TEST.

Two-five low screw, cargo lots.....	5·90
5,000 to 10,000.....	6·00
1 000 to 5,000	6·10
700 to 1,000.....	6·20
400 to 700.....	6·30
300 to 400.....	6·40
200 to 300.....	6·55
100 to 200.....	6 85
Under 100.....	7·10

NAPHTHA AND GASOLENE.

Naphtha, c'de, cargo lots, 68@72 deg.	5·50
Naphtha, crude, car lots, 68@72 deg..	@5·50
Naphtha, crude, 70 deg.....	5¾@ 6¼
sweet 62 deg	6¾@ 7
70 deg.....	7¼@ 7½
76 deg.....	7¾@ 7¾
Gasolene, 82 deg.....	12 @14
88 deg.....	14 @16
90 deg	17 @19

Petroleum Statistics.

RUNS—TOTAL AND AVERAGE.

	Day.	Total.	Av'ge.
Fri., Sept. 8 .	82,907	589,510	67,439
Sat.Sun. " 9&10	93,418	637,928	63,792
Mon. " 11..	82,794	710,722	65,510
Tue. " 12 .	74,674	795,396	66,283
Wed. " 13 .	71,637	867,033	66,694
Thurs. " 14 .	....	.....	....
	1891.	1892.	1893.
January.....	2,859,052	2,943,665	2,385,514
February.....	2,345,913	2,880,238	2,332,368
March.....	2,519,354	2,842,280	2,714,539
April.....	2,490,018	2,767,661	2,457,054
May.....	2,405,079	2,694,720	2,618,689
June.....	2,433,992	2,683,934	2,644,652
July.....	2,393,857	2,697,498	2,635,707
August.....	2,549,785	2,790,482	.....
September.....	2,980,152	2,628,093	.....
October.....	3,670,111	2,661,869	.....
November.....	4,058,412	2,539,268	.....
December	3,861,216	2,612,295	.....
Year.....	34,506,975	32,742,003	.....
Average ...	2,875,581	2,728,500	2,541,132

DELIVERIES—TOTAL AND AVERAGE.

	Day.	Total.	Av'ge.
Fri. Sept. 8..	65,493	620,973	77,621
Sat.Sun. " 9&10	157,873	778 846	77,884
Mon. " 11..	79,420	858,266	78,024
Tues " 12	78,335	936,601	78,050
Wed. " 13..	99,778	1,036,379	79,721
Thurs. " 14..	....	.....	....
	1891.	1892.	1893.
January	2,468,390	2,411,932	2,951,832
February.....	2,169,408	2,439,772	2,582,735
March.....	2,427,186	2,534,219	2,840,448
April.....	2,156,632	2,334,365	2,665,31
May.....	2,023,156	2,274,439	3,033,719
June.....	2,128,370	2,105,319	3,072,666
July.....	2,161,559	2,310,616	3,318,320
August.....	2,390,127	2,622,686	.....
September.....	2,688,874	2,762,710	.....
October.....	2,783,343	2,821,332	.....
November.....	2,590,507	2,911,907	.....
December.....	2,773,529	2,966,921	.....
Year.....	28,761,080	30,502,118	.....
Average	2 396,756	2,541.84	2 934,928

CHARTERS—TOTAL AND AVERAGE.

	Day.	Total.	Av'ge.
Fri. Sept. 8	36,270	508,688	63,586
Sat.Sun. " 9&10	87,778	596,466	59,646
Mon. " 11..	117,301	713 767	64,388
Tues. " 12..	46,825	760,592	63,383
Wed.. " 13..	112,897	873,489	64,191
Thurs. " 14	80,000	953,489	68,106
	1891.	1892.	1893.
January.....	1,512,616	1,378,601	2,165,942
February.....	1,640,444	1,323,079	1,538,685
March.....	1,122,087	1,563,990	2,135,452
April.....	1,295,542	1,542'890	1,725,033
May.....	1,332,532	1,225,295	2,033,197
June.....	1,414,565	1,680,760	2,509,249
July.....	1,274,512	1,508,720	1,767,699
August.....	1,775,967	1,517,313	2,095,302
September.....	1,484,843	1,661,333	.....
October	1,581,859	1,761,379	.....
November.....	1,427,902	1,961,580	.....
December.....	1,693,827	1,746,044	.....
Year.....	17,320,296	19,070,984	.....
Average.....	1,443 358	1,589,248	1,995,445

CHARTERS FOR THE WEEK.

The total charters for refined in barrels and cases, crude in barrels and cases, naphtha, &c., during the week ending September 15, and from January 1, were as follows:

	Week.	Year.	1892.
Refined, bbls.....	225,500	6,010,500	5 108,500
Refined, cs.....	541,000	18,458,000	10,359 500
Crude, bbls.....	9,500	1,147,400	1,216,500
Crude, cs.....	....	115,000	220,000
Naphtha, bbls.....	....	152,800	150,000
Residuum, bbls...	....	5,000	....
Lubricating, bbls..	....	28,700	78,800
Barrels, cde eq....	534,642	16,786.197	13,090,177

CLEARANCES FOR THE WEEK.

During the week ending Sept. 15, and since Jan. 1, the clearances of petroleum, in gallons, from the port of New York were as follows:

	Week.	Year.	1892.
Refined.....	12,415,098	306,926,847	253,596,128
Crude.....	137,230	5,924,645	18 882,917
Naphtha	392,415	6,730,465	8,029,554
Residuum.....	....	251,400	130,926

EXPORT STATISTICS

The following table shows the total exports from the port of New York and from the United States, reduced to crude equivalent, in gallons, for the week ending Sept. 15; also total shipments to date, with comparisons with 1892:

From N. Y. for week ending Sept. 15..	16,690,694
Total from N. Y. from Jan. 1, 1893....	422,325,627
Same period last year.....	356,675,672
Increase.....	65,549,955
From U. S. for week ending Sept. 15.	21,249,291
Total from U. S. from Jan. 1, 1893....	698,575,302
Same period last year.....	563,331,061
Increase.....	135,244,241

TOTAL EXPORTS FROM DIFFERENT PORTS.

	1893.	1892
New York.....	422,325,627	356,675,672
Philadelphia.....	250,902,529	193,263,108
Baltimore.....	23,505,956	11,518,858
Boston.....	1,393,120	1,612,194
San Francisco.....	228,990	246,229
Grand total.....	698,375,302	563,331,061

CAPACITY OF VESSELS LOADING.

The following table gives the capacity of the vessels loading petroleum at the ports of New York and Philadelphia, on September 15:

	NEW YORK.		PHILADELPHIA.	
	Bbls.	Cases.	Bbls.	Cases.
Refined.....	170,300	1,510,000	66,400	405,000
Crude.....	....	....	25,000	....
Naphtha.....	6,000	....	....	....

Foreign Quotations.

REFINED.

	Antwerp.	Bremen.	London
Monday.....	— @11¾	4.60	4 @ —
Tuesday.....	— @11¾	4.60	4 @ —
Wednesday...	— @11¾	4.60	4 @ —
Thursday	— @11¾	4.60	4 @ —
Friday.....	— @11¾	4.60	4 @ —
Saturday	— @11¾	4.60	4 @ —

Petroleum Charters.

NEW YORK.

Following is a list of vessels chartered and loading or to load petroleum at New York Philadelphia, Baltimore and Boston. Quantities refined in bbls., unless stated otherwise.

April 4
Am shp P G Blanchard, Shanghae, 20c. cs 60,000

April 7
Dan bk Cecile, Molucca Islands, p t..cs 14,000

May 5
Br bk Mareton, Calcutta, 14c.....cs 95,000

May 18
Br shp Lancing, Calcutta, 14c.....cs 95,000

May 23
Br shp Orealla, Rangoon, 17c.....cs 70,000

May 29
Br bk Garnet Hill, Calcutta, 16¼c.....cs 90,000

June 2
Am bk St James, Shanghai, 22c.....cs 60,000

June 6
Br shp Peterborough, Hong Kong 19c, or Japan 20@21½c.....cs 65,000
Br shp Andromeda Shanghai, 25c....cs 75,000

June 8
Br shp Afghanistan, Hong Kong 19c..cs 90,000
Br shp Carned d' Llewelyn, Java, 19, 20 & 21c.....cs 65,000

June 9
Br shp Ancyra, Shanghai, 25c.....cs 85,000

June 12
Br shp Dowan Hill, Java, p t.....cs 85,000

June 20
Br bk Drumeltan, Shanghai, 23c.....cs 75,000

June 29
Br shp Imberhorne, Calcutta, 15c.....cs 80,000

June 30
Ar bk Tweedsdale, Java, 19, 20 & 21c..cs 55,000
Br bk Anamba, Java, 19, 20 & 21c.....cs 40,000

July 6
Br bk Balmoral, Calcutta, 15c.....cs.100,000
Br bk County of Anglesea, Java, 20, 21 & 22c.....cs 35,000
Br shp Combusnethan, Java, 19, 20 & 21c.....cs 50,000

July 18
Dan shp Gladstone, Java, 20, 21 & 22c.cs 45,000

July 21
Nor bk Glengavin, Continent, p t..... 5,000
Nor bk Augustina, Continent, p t..... 5,500

July 25
Am shp Gov Goodwin, Hong Kong, 18c .....cs 55,000

July 27
Am bk Gerard C Tobey, Hong Kong, 18c.....cs 51,000

Aug 3
Br shp East Lothian, Java, 20, 21@22c.cs 55,000

Aug 8
Br sh St Mungo, Calcutta, 14½c.....cs 80,000

Aug 9
Br sh Favonius, Dublin, 2s 1½d..... 9,500
Nor bk Aljuca, Bergen or Christiania, 2s 3d 6,700

Aug 15
Am shp Wm H Connor, Shanghai, 23c.cs 55,000

Aug 17
Am shp Abner Coburn, Hong Kong, 18c cs 75,000

Aug 19
Br shp Queen Victoria, Hong Kong 18c or Japan 19c..... .....cs 60,000

Aug 21
Br bk Cashmere, Java, 17¼, 18¾ or 19¾c.....cs 45,000

Aug 23
Br bk Semantha, Hong Kong 18c, or Shanghae 23c, or Japan 19c.....cs 90,000

Aug 24
Br shp Brandomeire Shanghai, 23c..cs 77,000
Br shp Wray Castle, Hong Kong 18c, Shanghai 23c, or Japan 19c.....cs 70,000

Aug 25
Br bk Baudaneira, Shanghai, 23c.....cs 75,000

Aug. 28.
Br shp Macedon, Havre or Dunkirk, 2s. 4½d.....cde 10,000

Aug. 31.
Br bk Centurion, Java, pt..... .. ..cs 45,000

Sept. 5.
Br shp John McLeod, Saigon, 18c.....cs 60,000
Nor bk Qvos, Cork, 2s. 3d..... 2,800

Sept. 6.
Br bk Moel-y-don, Penang or Singapore, 18@19c.....cs 40,000
Nor bk Handy, Buenos Ayres, 19c....cs 15,000

Sept. 7.
Ger bk Marie, London, 2s, 1d..... 8,200

Sept 8
It bk Francesco R, Plymouth or Exmouth, 2s 4½d..... 8,000

Sept. 11.
Br str Gulf of Genoa, China or Japan, pt..... .....cs 100,000
Nor bk Neptune, Dunkirk, 2s, 4½d..... 8,000

Sept. 12.
Nor bk Schwanden, e c Ireland, 2s. 4½d 5,000
Nor bk Rigi, Montevideo 18¾c, Buenos Ayres 19¾c .....cs 18,000

Sept. 13.
Br bk —— London, 2s..... 7,000
Am sch —— St. Johns, P. R., 10c....cs 20,000

Sept. 14.
Br str —— China and Japan, pt....cs 100,000

Sep 15
Br str St Giles, Bombay, 17¾c.....cs.120,000
Am bk H G Johnson, Penang or Singapore, 17¾@18¾c.....cs 38,000
Br shp Buccleugh, Java, 17, 18, 19c....cs 77,000

PHILADELPHIA

June 24
Br shp Bargany, Japan, 19c.....cs 65,000

June 28
Br shp Glenesslin, Calcutta, 18c.....cs100,000

July 3
Ger shp Wilhelm, Hamburg, 1s 6d..... 8,500

July 15
Br bk Usemere, Calcutta, 15c.....cs 75,000

July 21
Br shp Miltonburn, Calcutta, 15c.....cs 100,000

July 31
Br str Strathlyon, 2 ports, Japan, 3½c.cs 75,000

Aug 1
Br bk North Star, Calcutta, 14½c.....cs120,000

Aug 11
Br bk Endora, Havre, Dieppe or Dunkirk, 2s 6d..... 7,000

Aug 17
Ger shp Theodore Fischer, London, 2s 3d..... 14 49

Aug 23
Br shp Queen Margaret, Calcutta, p t.....cs 95,000

Aug 24
Br shp Argomene, Japan, 19c.....cs 45,000
Br sh City of Athens, Japan, 19c.....cs 65 000

Aug. 26.
Ger shp Fidelio, Marseilles, 2s 7½d..cde 8,000

Aug. 28.
Br shp Mistley Hall, Japan, 19c.....cs 70,000
Aus bk Philadelfia, w c Italy, 11c.....cs 30,000

Sept. 1.
It bk Elena G. Genoa, 12c.....cs 35,000
It bk Fortunda F, w c Italy, 12½c.....cs 40,000
Fr bk .... Havre 2s, 4½d, or Rouen 2s, 6d..... cde 5,000

Sept 5
Ger str Sophie Rickmers, Japan, p t.cs110,000

Am sh Cora, Rouen, 2s 6¾d..... 9,000
Nor str Carl Konow, Oporto, 12c, and 3s.....cs 10,000 & 5,000

Sept 6
Br str North Flint, Dunkirk, 2s 9d..cde 10,000
Br shp Honolulu, Liverpool, 2s 3d..... 10,000

MAVERICK OIL CO.

REFINERS AND SHIPPERS OF

Maverick Standard Burning Oils, Naphthas and Gas Oil

Of all Grades in Bulk, Barrels and Cases

REFINERY: Chelsea Street, EAST BOSTON.
OFFICE: 61 Broad Street, BOSTON

STATIONS: East Cambridge, Lynn, Brockton, North Andover, Stoneham, Natick and Braintree, MASS. and Nashua and Great Falls, N. H.

Proprietors of the Well-known Brand of

CENTENNIAL SAFETY OIL

This oil, by its High Test, is safer in use than any other Burning Oils, and gives the most brilliant light. It does not crust the wick, and is free from disagreeable odor and smoke in burning.

Oil Delivered by the car load in bulk or in barrels at any point in New England.

TIDE WATER OIL COMPANY

Manufacturers of

PARAFFINE OILS
Crude and Refined Paraffine Wax
Cylinder Stocks, Neutral Oils
BLACK OILS

SELL TO JOBBERS ONLY

NEW YORK
12 Broadway,

BOSTON
11 Custom House St.

Pratt's Patent
Prepared Gasolene

Adapted to all kinds of Gas Machines 86°, 88° and 90° Gravities.

Pratt's Deodorized Stove Gasolene

For use in Vapor Stoves. Made in accordance with the recommendations of the Vapor Stove Manufacturers and guaranteed not to smoke, smell, or gum the burner.

Redistilled Naphthas

Also Fuel Oil, Lima Crude, Distillates, &c., prepared especially for Gas Companies and obtainable either in barrel or tank car.

Boulevard Gas Fluid

For use in Vapor Street Lamps, Plumbers' Torches, &c.

Double-Distilled Deodorized Benzine and Naphtha

of all grades and gravities from 62° to 76°, for manufacturing varnishes and mixed paints, rubber and gossamer goods, floor and table oil cloths, as well as for general use of druggists, dyers, cleaners, etc., etc

The above goods can be had in quantities to suit the purchaser everywhere in the East, either through our agents, or from us direct.

Pratt Manufacturing Co.

Proprietors "Pratt's Astral Oil." 26 BROADWAY, NEW YORK

Sept 7

Br bk Osburga, Havre or Dunkirk 2s 6d, or La Pallice 2s 7½d.....cde 7,000
It bk Elena G. w c Italy, p t..... ..cs 40,000
Am bk Payson Tucker, Oporto, p t..... 5,000

Sept. 11.

Am bk Justina H. Ingersoll, Lisbon, 14c and 3s, 9d .....cs 15,000 1,500
It bk Fortimata F, w c Italy, 12½c....cs 40,000
It bk Filippo, Italy, 12c .....cs 15,000

Sept. 12.

Br shp Vanloo, Marseilles, 2s, 6d....cde 9,500
Sp bk La Vigesua, Vigo, bulk..... 10,000

Clearances of Petroleum.

Following are the clearances of petroleum from the ports of New York, Philadelphia, Baltimore, Boston and San Francisco on the dates named. Refined, unless otherwise specified:—

NEW YORK.

Sept 8

Br sh Timandra, Calcutta, 61,000 cs
Am bg Arcot, Antigua, 200 cs
Br bk Edith Sheraton, San Domingo, 700 cs
Am bk Arthur C Wade, Brazil, 13,328 cs
Am schr Clara Goodwin, Barbadoes, 1,000 cs
Br str Manhattan, England, 1,400,000 bulk
Du str Charlois, Dover, f o, 1,173,000 gls bulk

Sept 9

Ger str Bergmeister Peterson, Dover f o, 1,270,000 gls bulk
Nor bk Wilhelm Birkedal, Rochefort, Fr, 3,200 bbls ref, 1,989 bbls nap
Br schr Therese, Hayti, 600 cs gas

Sept 11

Am bk Edwin Reed, China, 44,300 cs
Itl bk Teresa, Gibraltar, 18,805 cs

Sept 12

Br bg Westaway, Brazil, 7,000 cs
Itl bk Carmelo, Frances, 2,910 bbls
Ger str Standard, Dover, f o, 1,245,000 gls blk

Sept 13

Br str Gulf of Taranto, Shanghai, 52,000 cs
Br str Alene, Kingston, 1,060 cs
Nor str Cuba, Br West Indies, 1,040 cs
Br str St Helens, Dover, f o, 1,650,000 gls
Am bg Starlight, Br Guiana, 500 cs
Br sh Harewood, Java, 56,408 cs
Am bk Havana, Cuba, 10,000 cs, 37,230 gls cde
It bk Maria Luigia, Oram Africa, 15,880 cs

Sept 14

Br str L Prince, Kingston, 1,275 cs
Ge str Diamant, Dover f o, 1,520,500 cs
Itl bg Concezione Immacolato, Italy, 2,220 bbls
Br bk James L Haway, France, 5,596 bbls nap
Itl bk Esperia, Penang f o, 33,137 cs
Ger shp Helene, Stettin, 7,920 bbls

PHILADELPHIA

Week ending Sept. 7.

Br str Wildflower, Rouen, 1,193,459 gls bulk
Br bk Lord Templeton, Calcutta, 84,100 cs
It bk San Michele, Marseilles, 2,801 bbls
Br str Missouri, London, 1,000 bbls

BALTIMORE

Sept 7

Ger str Gut Heil, Dover f o, 1,192,389 gls bulk

SAN FRANCISCO

Am str San Jose, Central America, 205 cs

Petroleum Pipe Line Statements for August, 1893.

GROSS RECEIPTS.

The following exhibits the receipts of each company from the wells during the months of August and July, 1893:

	July.	August.
Chas. Miller P. L.....	4,164 23	5,411 41
Elk Pipe Line.....	24,568 80	23,029 11
Emery Pipe Line.....	32,131 59	32,621 29
Eureka P. L.....	601,369 01	745,899 24
Macksburg Pipe Line..	148,622 49	152,911 99
Mellon Pipe Line.....	337,745 55	319,217 09
National Transit.....	653,906 00	665,237 11
Octave Pipe Line.....	2,326 94	1,678 40
Producers' Pipe Line..	1,748 46	701 84
Prod. & Ref. Oil Co.....	117,421 49	108,060 55
Southwestern Pa. P. L.	474,151 44	459,185 69
Tidewater Pipe Co.....	130,468 28	130,331 15
West'n & Atlantic P. L.	107,082 24	107,579 34
Total.....	2,636,706 52	2,752,364 27

AVERAGE DAILY RUNS.

The following exhibits the average daily runs in each month in the years 1889, 1890, 1891, 1892 and 1893:

	1889.	1890.	1891.	1892.	1893.
January.....	49,231	68,008	92,228	95,584	76,977
February	47,100	73,408	83,783	99,318	83,298
March.....	52,330	74,619	81,269	91,686	87,565
April.....	54,787	77,629	83,000	92,255	81,901
May	58,358	76,722	77,583	86,926	84,473
June.....	60,584	79,000	81,133	89,464	88,135
July	63,119	81,426	77,221	87,016	85,022
August.....	63,644	81,128	82,251	90,015	88,786
September...	62,372	86,165	97,671	87,603	.....
October	64,043	88,732	118,392	85,867	.....
November ...	63,967	85,864	136,280	84,642	.....
December....	66,997	84,711	124,232	84,264	.....
Year.....	58,878	79,784	94,503	89,553	84,519

TOTAL DELIVERIES.

The following exhibits the regular deliveries from each line in the months of August and July, 1893:

	July.	August.
Chas. Miller P. L.....	3,134 69	5,411 52
Elk Pipe Line.....	26,742 33	22,702 69
Emery Pipe Line.....	29,697 82	42,620 24
Eureka P. L.....	54,242 31	47,701 49
Macksburg Pipe Line ..	1,024 63	585 97
Mellon Pipe Line.....	218,119 02	238,632 29
National Transit.....	729,671 10	647,408 18
New York Transit Co...	1,114,594 08	1,074,972 08
Octave Pipe Line.....	3,996 09	1,629 94
Producers' Pipe Line...	2,291 15	723 06
Prod. & Ref. Oil Co.....	87,957 55	114,292 01
Southern Pipe Line.. ..	551,164 52	540,619 28
Southwest'n Pa., P. L...	918 65	16 00
Tidewater Pipe Co.....	372,194 61	364,667 57
Western & Atlantic P.L	125,571 62	145,239 65
Total.....	3,318,319 57	3,247,321 97

COMPARATIVE STATEMENT OF SHIPMENTS.

The following is a comparative statement of the deliveries during each month in the years 1890, 1891, 1892 and 1893:

	1890.	1891.	1892	1893.
January ..	2,679,206	2,468,390	2,417,932	2,951,832
February .	2,181,309	2,169,408	2,439,772	2,582,735
March.....	2,182,231	2,427,185	2,534,219	2,840,448
April.....	2,346,823	2,156,632	2,334,265	2,665,316
May.....	2,486,978	2,023,156	2,274,439	3,033,710
June.....	2,499,538	2,128,370	2,105,319	3 072,666
July.....	2,684,465	2,161,559	2,310,616	3,318,320
August	2,642,787	2,390,127	2,622,686	3,247,322
Septemb'r.	2,719,207	2,688,874	2,762,710	.....
October..	2,772,935	2,783,343	2,821,832	.....
Novemb'r.	2,703,755	2,590,507	2,911,907	.....
Decemb'r .	2,729,505	3,773,529	2,966,921	.....
Total...	30,628,739	28,761,080	30,502,148	.....
Average.	2,456,072	2,552,395	2,396,756	2,954,043

NET STOCKS.

The following exhibits the stock held by each of the pipe line companies at the close of August and July 1893:

	July.	August.
Chas. Miller P. L.....	11,958 08	10,310 97
Elk Pipe Line.....	2,307 22	2 633 64
Emery Pipe Line.....	59,670 87	49,671 92
Eureka P. L..... ...	741,347 98	787,982 16
Macksburg Pipe Line..	413,935 24	436,551 62
Mellon Pipe Line.....	593,819 44	674,404 24
National Transit.....	9,954,433 96	9,561,773 15
New York Transit Co.	491,816 63	469,000 27
Octave Pipe Line.....	876 32	924 81
Producers' Pipe Line.	21 22	.....
Prod & Ref. Oil Co....	190,922 00	184,317 53
Southern P. L.....	180,620 61	178,014 03
Southwest'n Pa. P. L..	1,467,961 28	1,401,171 56
Tidewater Pipe Co.....	390,606 36	361,592 98
West'n & Atlantic P.L.	428,401 41	390,741 10
Total.....	14,928,679 22	14,499,089 98

TOTAL NET STOCKS.

The following table exhibits the stock of all pipe lines on hand at the close of each month in 1890, 1891, 1892 and 1893:

	1890.	1891.	1892.	1893.
Jan....	10,443,263	9,655,778	15,902,468	16,858,440
Feb....	10,378,141	10,081,124	16,451,731	16,637,078
March.	10,462,553	10,146,204	16,765,383	16,517,696
April..	10,444,762	10,617,504	17,249,534	16,378,256
May...	10,336,292	10,909,948	17,681,830	16,032,859
June...	10,212,132	11,240,257	18,276,895	15,571,075
July...	10,062,343	11,528,926	18,694,062	14,928,679
Aug ...	9,934,737	11,734,496	18,816,683	14,499,090
Sept...	9,794,679	12,009,470	18,844,937	.....
Oct	9,699,385	12,930,475	18 080,523	.....
Nov....	9,504,578	14,313,737	17,730,444	.....
Dec....	9,295,514	15,354,233	17,395,389	.....

OUTSTANDING CERTIFICATES.

The following table exhibits the amount of oil held by the National Transit Co., represented by outstanding certificates and other vouchers, at the close of each month in 1890, 1891, 1892 and 1893:

	1890.	1891.	1892.	1893.
Jan	4,755,811	3,356,036	6,674,253	6,353,014
Feb.....	4,727,045	2,872,036	5,923,988	6,547,061
March....	4,517,826	2,292,038	5,854,100	6,472,000
April.....	4,326,964	2,319,088	5,631,573	6 482,000
May.....	3,539,011	2,353,038	5,380,468	5,298,000
June.....	3,421,440	2,297,038	5,805,894	5,943,000
July.....	2,817,068	2,258,038	5,868,637	5,530,000
Aug	2,955,303	3,212,038	6,075,396	5,338,000
Sept.....	2,862,862	4,880,038	6,106,717	.....
Oct.....	3,115,362	4,956,038	6,356,517	.....
Nov.....	2,913,791	5,582,038	6,454,286	.....
Dec.	3,124,036	6,263,228	6,376,262	.....

SUMMARY OF STATEMENTS.

NATIONAL TRANSIT CO.

Summary of report of National Transit Company at close of business August 31, 1893:

Gross stocks.....		11,271,159 23
Sediment and surplus..		1,709,386 08
Acceptancies, etc.....	5,338,000 00	
Credit balances.....	4,223,773 15	
Total liabilities.....		9,561,773 15
Receipts.		
Runs from wells.....	665,237 11	
Other receipts.....	928,804 58	
Total receipts.....		1,594,041 69
Shipments.		
Regular shipments.....	647,408 18	
Delivered to other lines	1,330,339 75	
Total deliveries.....		1,977,747 93

Exports of Petroleum from New York

REFINED

COUNTRIES.	Week ending Sept. 14. Gals.	Jan. 1. to Sept. 7. 1893. Gals.	Jan. 1 to Sept. 8. 1892. Gals
Africa, Liberia.....	.....	.....	.....
Sierre Leone.....	.....	84,950	24,630
South Africa.....	403,220	1,818,580	1,016,620
Zanzibar.....	.....	325,080	680,000
Algiers.....	.....	1,641,810	903,400
Anjier.....	.....	12,939,095	5,433,810
Arabia.....	.....	.....	2,582,960
Argentine Republic.....	.....	1,965,860	3,238,266
Australia	.....	2,926,060	4,749,854
Austria.....	.....	135,000	.....
Azores	.....	.....	101,440
Belgium	.....	12,906,540	11,781,150
Brazil.....	203,280	7,932,010	8,499,954
British East Indies, Aden.....	.....	1,310,800	.....
Burmah.....	.....	453,690	777,750
Ceylon	.....	.....	.....
India.....	610,000	29,621,710	14,754,420
Penang	331,370	95 ,000	1,298,158
Singapore...	.....	1,895,200	.....
British Guiana	5,000	213,520	291,696
British West Indies, Antigua	2,000	24,800	32,630
Barbadoes .	10,000	270,050	266,807
Basse Terre	.....	.....	15,700
Bermuda...	.....	73,949	94,523
Domenica ..	.....	.....	18,371
Jamaica.....	23,350	239,779	89,040
Montserrat.	.....	.....	8,610
Nassau.....	.....	3,570	17,332
St. Lucia....	.....	.....	230,207
St. Vincent..	.....	.....	29,890
Trinidad ...	.....	190,313	223,995
All others...	10,400	302,237	132,081
Canary Islands.....	.....	122,271	60,362
Central America, Belize.....	.....	.....	79,374
Costa Rica.....	.....	.....	21,939
Guatamala	.....	.....	88,768
Honduras	.....	180,450	41,870
Nicaragua.....	.....	9 ,694	106 156
San Salvador..	.....	.....	29,650
Chili	.....	1,258,400	1,439,669
China, Cochin.....	.....	28,841,622	6 5,000
All other.....	963,000	7,806,300	26,248,950
Cuba	.....	448 414	1,827,880
Danish West Indies.....	.....	166,000	1,6 8
Denmark.....	.....	5,704,110	3,348,989
Dutch East Indies, Java.....	564,880	4,519,866	37,096,730
Macassar....	.....	2,036,370	85 ,000
Sumatra.....	.....	440,000	.....
Dutch West Indies.....	.....	14,120	100,207
Dutch Guiana.....	.....	42,500	30,220
Ecuador	.....	.....	74,150
England.....	8,260,800	116,044,800	17,310,056
Egypt.....	.....	677,440	506,600
France.....	311,974	14,621,000	4,533,858
French Guiana.....	.....	10,000	.....
French West Indies	.....	366,611	265,557
Germany.....	405,220	11,337,263	15,883,453
Gibraltar.....	188,050	287,400	163,110
Greece	.....	.....	.....
Hawaiian Islands.....	.....	370,000	385,100
Hayti	.....	345 250	310,602
Ireland.....	.....	5,4 5,000	4,209,427
Italy	113,854	738,366	272 861
Japan	.....	6,953,426	12,222,450
Madeira Islands.....	.....	1,532,270	.....
Malta.....	.....	.....	.....
Mauritius Island.....	.....	.....	.....
Mexico	.....	83,250	342,610
Moluoca Islands.....	.....	121,290	139,360
Netherlands	.....	13,736,184	32,940,907
New Zealand.....	.....	2,549,876	499,080
North America, New Brunswick.	.....	236,757	572,542
New Foundland.	.....	158,699	114,041
Nova Scotia.....	.....	246 562	413,699
Prince Ed. Isl'nd	.....	718,750	122,900
Norway and Sweden.....	.....	9,118,231	8,226 424
Peru	.....	126,500	170,370
Porto Rico.....	.....	89,599	298 071
Phillippine Islands.....	.....	929,450	347,010
Portugal.....	.....	882,038	525,551
Reunion	.....	1,750	.....
Russia	.....	80,264	444,260
San Domingo	7,000	91,850	143,327
Scotland.....	.....	10,009	2,564
Siam	.....	.....	456,006
Spain	.....	.....	177,150
Tasmania.....	.....	.....	.....
Turkey	.....	.....	156,000
U. S. of Columbia.....	.....	138,000	493,801
Uruguay	.....	955,440	2,875,050
Venezuela	.....	580,709	383,887
Wales.....	.....	110,923	113,634
Total	12,415,098	293,805,484	244,072,582

CRUDE

COUNTRIES.	Week ending Sept. 14. Gals.	Jan. 1 to Sept. 7. 1893. Gals.	Jan. 1 to Sept. 8. 1892. Gals
Algiers.....	.....	.....	.....
Argentine Republic.....	.....	.....	.....
Australia.....	.....	.....	.....
Austria.....	.....	.....	.....
Belgium	.....	.....	.....
Brazil.....	.....	250	.....
British Guiana	.....	.....	.....
British North America.....	.....	154,770	.....
British West Indies.....	.....	52,114	.....
Chili.....	.....	.....	.....
China.....	.....	.....	.....
Central America.....	.....	.....	50,000
Cuba.....	137,230	3,916,078	3,793,864
Danish West Indies.....	.....	.....	.....
Dutch East Indies.....	.....	.....	.....
Dutch West Indies.....	.....	.....	.....
England.....	.....	51	17,993
France.....	.....	49,082	13,258,050
Germany.....	.....	412,800	.....
Hawaiian Islands.....	.....	.....	.....
Mexico	.....	1,068,596	.....
Norway and Sweden.....	.....	156,102	201,019
Porto Rico.....	.....	190,000	418,473
Spain	.....	.....	100,000
U. S. of Col	.....	.....	2,457,795
Uruguay.....	.....	3,000	4,262
Venezuela.....	.....	.....	.....
Total....	137,230	6,002,543	18,764,208

NAPHTHA

COUNTRIES.	Week ending Sept. 14, Gals.	Jan. 1 to Sept. 7, 1893. Gals.	Jan. 1 to Sept. 8, 1892. Gals.
Africa.....	.....	.....	.....
Algiers.....	.....	.....	.....
Argentine Republic.....	.....	2,800	3,935
Australia.....	.....	12,250	3,925
Belgium	.....	.....	.....
Brazil.....	.....	3 000	11,382
British North America.....	.....	3,150	1,699
British West Indies	.....	100	.....
Central America.....	.....	.....	332
Chili.....	.....	.....	4,000
China.....	.....	.....	1,900
Denmark.....	.....	3 800	.....
England.....	.....	3,060,003	3,707,873
France.....	389,415	790,049	2 1,249
Germany.....	.....	1,870,100	2,689,005
Hayti	6,000	11,300	.....
Mexico.....	.....	.....	915
New Zealand.....	.....	.....	200
Norway and Sweden.....	.....	532,368	386,449
Peru.....	.....	800	.....
Portugal.....	.....	475	950
Russia	.....	20,251	34,296
Spain.....	.....	.....	240
St. Domingo.....	.....	500	.....
Uruguay.....	.....	.....	.....
Venezuela	.....	.....	.....
Wales.....	.....	25,784	.....
Total.....	395,415	6,255,600	9,761,795

TIDEWATER PIPE COMPANY.

Summary of report of Tidewater Pipe Company at close of business August 31, 1893:

Gross stocks		535,321 46
Sediment and surplus		173,728 48
Acceptances, etc.	14,000 00	
Credit balances	347,592 98	
Total liabilities		361,592 98
Receipts.		
Receipts from wells		130,831 15
Receipts from other lines		2 6,371 00
Total		337,202 15
Shipments.		
Regular deliveries		364,667 57

OHIO OILS.

The following tables, exhibing the condition of the Buckeye Pipe Line Company at the close of August, is entirely independent of other pipe line reports, and is not counted in the stocks and averages reported above:

MONTHLY RECEIPTS.

The following table shows the receipts during each month in the years 1890, 1891, 1892 and 1893:

	1890.	1891.	1892.	1893.
January	683,750	1,241,154	971,607	1,049,778
February	622,799	1,147,947	1,008,069	974,944
March	676,175	1,255,611	1,083,802	1,163,641
April	842 237	1,202,583	1,042,087	1,074 90
May	887,590	1,191,147	1,064,478	1,187,939
June	916,288	1,207,884	1,099,145	1,245,880
July	1,105,884	1,236,291	1,190,015	1,289,991
August	1,149,877	1,240,841	1,344,036	1,390,894
Sept'ber	1,289,577	1,252,375	1,351,848	.....
October	1,342,158	1,257,986	1,26[illegible],536	.....
November	1,215,960	1,070,131	1,209,983	.....
Dec'ber	1,186,434	1,251,820	1,244,712	.....
Year	11,918,929	14,555,770	13,874,288	.....
Average	993,227	1,212,980	1,156,190	1,172,794

MONTHLY SHIPMENTS.

The following is a comparative statement

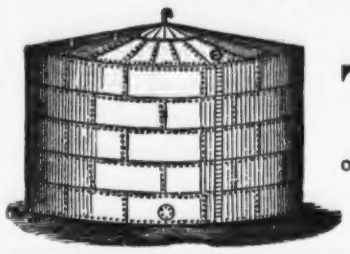
(*Continued on page 34.*)

NOTICE

For best FILTERED RED CYLINDER OIL ove 600 Flash, Dark Green Cylinder Oil over 670 Fire, and 29 & 30 gravity distillates. Address,

ORIENT REFINING CO., Bradford, Pa., U.S.A

Wm. Graver Tank Works



Iron and Steel Storage Tanks

TANKS

A SPECIALTY.

OFFICE

1143 & 1145 Rookery Building

CHICAGO. ILL.

The Rocky Mountain Oil Co.

Office, PUEBLO, COLO.

PRODUCERS, REFINERS AND MANUFACTURERS OF

COLORADO OILS

ILLUMINATING AND LUBRICATING.

Production at Florence, Colo. Refinery and Lubricating Oil Plant at Overton, Colo. Connection by Pipe Line.

Manufacturers of

Water White Illuminating Oil of all Grades.

Paraffine Oils, Superior in Cold Test, Gravity and Viscosity.

Crude Paraffine Scale for Domestic or Export Trade

A full Line of Lubricating Oils: Railway and Mining Oils a Specialty.

Our Colorado Oils are unequaled for Purity, Richness, Sweetness and General Excellence.

OIL WELL SUPPLY CO.

OWNERS OF THE

Elba Iron Works, Continental Tube Works,

And Six Other Manufactories Making

Wrought Iron Steam, Line and Drive Pipe

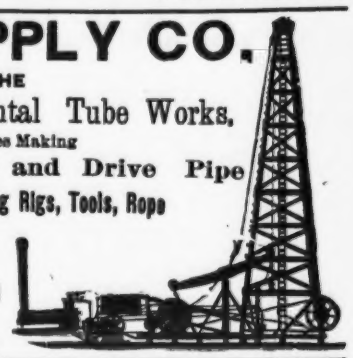
Tubing, Casing, Boilers, Engines, Drilling Rigs, Tools, Rope

and other appliances necessary for drilling

Oil, Gas and Water ARTESIAN WELLS.

Pittsburgh, Oil City & Bradford Pa.

23 Cortlandt St., New York City



SENECA OIL WORKS, Limited, Warren, Pa.

REFINERS AND MANUFACTURERS OF

Filtered Cylinder Oils and Cylinder Stocks

Filtered Neutral and Wool Stocks and Superior Illuminating Oils. Particular attention given to special orders.

STANDARD OIL COMPANY

DEALERS IN

SPIRITS TURPENTINE, LINSEED & COTTONSEED OILS

Eocene and Perfection Water White Oils

EXCEL ALL OTHERS IN THE MARKET

FINE MACHINERY AND CYLINDER OILS A SPECIALTY

Main Office, 33 West Pearl Street CINCINNATI, OHIO

LUCILLINE

Petrolatum, U. S. P.

The best petroleum jelly in the world for purity, color, odor and consistency.

Capacity over 150,000 pounds per month.

LUCENT OIL WORKS, Philadelphia

LUBRICATING OILS

High grade filtered and dark

Clarendon, Bradford and Franklin Cylinder Stocks

High viscosity stainless spindle oils, Neutral Oils and Wool Stock

TIONA REFINING CO., Clarendon, Pa

Bosshardt & Wilson Co.
212 South Third Street, Philadelphia

Important to Railroad Managers and Master Mechanics

SIBLEY'S PERFECTION VALVE OIL

More perfect lubrication insured and entire freedom guaranteed from corrosion of cylinders and destruction of steam joints by fatty acids. In exclusive use on forty railroads. References and prices furnished upon application. Has stood the test for 17 years.

Make exclusive Specialty of the manufacture of Valve and Signal Oils for Railroad Use.

SIGNAL OIL WORKS, Limited

J. C. SIBLEY, President, FRANKLIN, Pa

CREW LEVICK COMPANY

Refineries

Seaboard Oil Works
Muir Oil Works
Glade Oil Works
Warren Gasoline Works

PRODUCERS AND REFINERS

Of High Quality Oils Only

PETROLEUM LUBRICANTS

Of the Highest Viscosity and Fire Tests.

OFFICES:

Philadelphia, London, New York, Liverpool, Boston, Glasgow, Chicago, Paris, Omaha, Antwerp, Richmond, Frankfort, Savannah

A-M

Water-White Oils Naphthas Gasolines Paraffine Wax

A. KLIPSTEIN
122 Pearl Street, NEW YORK
BOSTON, 134 Milk St. PHILADELPHIA, 120 Arch St CHICAGO, 124 Michigan St.
Aniline Colors, Dyestuffs and Chemicals
OXALIC ACID

LARKIN & SCHEFFER
MANUFACTURING CHEMISTS
ST. LOUIS,
OFFER THE TRADE
CHEMICALS
TECHNICAL, PHARMACEUTICAL AND SCIENTIFIC
Our Goods are Made in Strict Conformity to th U. S. Pharmacopœia.
CORRESPONDENCE SOLICITED.

IMPORTS, EXPORTS, DOMESTIC RECEIPTS, Etc.

IMPORTS ENTERED AT NEW YORK FOR CONSUMPTION.

For week ending Sept. 14.

ACID—30 cks, Galileo, Hull
17 cs, Edam, Rotterdam
21 cs, Gellert, Hamburg
10 cs, Kaiser Wilhelm, Bremen
CARBOLIC—40 dms, Nomadic, Liverpool
30 cks, Arizona, Liverpool
OXALIC—50 cks, J L & D S Riker, Chicago City, Bristol
70 cks, Chicago City, Bristol
30 cks, Edam, Rotterdam
ALBUMEN—18 cs, Italia, Lisbon
31 cks, Caribbee, Dominica
EGG—20 cks, Dresden, Bremen
10 cs, Aller, Bremen
ALIZARINE—48 cks, Friesland, Antwerp
50 cks, H H Meier, Bremen
2 cks, Arizona, Liverpool
LAKE—2 cks, Belgenland, Antwerp
AMMONIA, MURI—10 cks, Chicago City, Bristol
ANILINE COLORS—5 cs, Friesland, Antwerp
14 pgs, Friesland, Antwerp
5 cs, Friesland, Antwerp
5 pgs, Veendam, Rotterdam
10 cks, La Champagne, Havre
11 cks, Gellert, Hamburg
OILS—12 dms, America, London
SALTS—21 cks, America, London
ANTIMONY—60 cs, Bruna, Hamburg
BEESWAX—2 bbls, Alene, Kingston
2 bbls, Ozama, Azua
BISMUTH—6 cs, Berlin, Southampton
BLEACH—45 cks, J L & D S Riker, Nomadic, Liverpool
BLUE, BERLIN—1 ck, Friesland, Antwerp
21 cks, Veendam, Rotterdam
WASH—2 cs, America, London
BRIMSTONE—100 tns, Montebello, Messina
3,200 cntrs, Montebello, Girgenti
500 tns, Montebello, Girgenti
BRISTLES—5 pgs, Berlin, Southampton
BRONZE POWDER—20 cs, Saale, Bremen
13 cs, America, London
CASSIA—105 pgs, Loch Lomond, Rotterdam
VERA—562 pgs, Loch Lomond, Rotterdam
CHALK—798 tns, Maria Siedenburg, Copenhagen
25 cs, Loch Lomond, Rotterdam
419 tns, Anna, Copenhagen
1,500 tns, Nova Scotia, London
PRECIP—10 cks, J L Hopkins & Co, Teutonic, Liverpool
CHAMOIS—1 cs, Paris, Southampton
1 cs, Lucania, Liverpool
CHEMICALS—5 cks, 1 cs, Lehn & Fink, Gellert, Hamburg
COMP—5 dms, Chicago City, Bristol
84 cs, Suevia, Hamburg
18 cks, Veendam, Rotterdam
34 dms, Brema, Hamburg
SALTS—3 cks, Amalfi, Hamburg
5 cs, Brema, Hamburg
CHINA CLAY—26 cks, Tauric, Liverpool
CINCHONA SALTS—23 cs, Edam, Rotterdam
COAL TAR PITCH—500 cks, America, London
FULLERS EARTH—1,080 bgs, America, London
FUSTIC—2,306 cs, Yumuri, Havana
1,782 cs, Yumuri, Havana
7,341 cs, Yumuri, Havana
499 pcs, T J May, Tlacotalpasn
GAMBIER—1,758 bls, Strathome, Singapore
GELATINE—1 cs, Saale, Bremen
21 cs, Loch Lomond, Rotterdam
4 cks, Belgenland, Antwerp
9 cs, Brema, Hamburg
2 cks, Galileo, Hull
GINGER—11 bbls, Alene, Kingston
GLASS, CORRUGATED—10 cs, Chicago, Antwerp
CYLINDER—4 cs, Friesland, Antwerp
LOOKING—5 cs, H H Meier, Bremen
PLATE—28 cs, Friesland, Antwerp
31 cs, Chicago, Antwerp
WINDOW—966 pgs, Friesland, Antwerp
321 cs, Friesland, Antwerp
246 cs, Friesland, Antwerp
3,236 cs, Chicago, Antwerp
750 bxs, Chicago, Antwerp
1,006 pgs, Chicago, Antwerp
20 cs, Dona Maria, Cadiz
100 cs, Belgenland, Antwerp
GLUE—22 bls, Amalfi, Hamburg
16 cks, California, Trieste
2 cks, Paris, Southampton
40 bls, Paris, Sonthampton
17 cks, Loch Lomond, Rotterdam
30 cs, Edam, Rotterdam
27 cks, Galileo, Hull
STOCK—90 bls, Ida, Hamburg
06 bls, Galileo, Hull

Cream of Tartar Tartaric Acid
GUARANTEED 99—100 Per Cent. PURE.
TARTAR CHEMICAL COMPANY, 47 Cedar St. N. Y.

ARCHIL LIQUOR—5 cks, La Champagne, Havre
5 cks, America, London
20 cs, La Gascogne, Havre
ARGOLS—200 bgs, Brunel, Messina
47 cks, California, Naples
200 bgs, Brunel, Messina
307 bgs, California, Trieste
170 bgs, California, Bari
300 bgs, Montebello, Messina
422 bgs, Tartar Chem Co, Montebello, Messina
19 cks, Prins Wilhelm, Naples
245 bgs, Tartar Chem Co, Italia, Lisbon
144 cks, Tartar Chem Co, Burgundia, Marseilles
ARSENIC—124 cks, Venetia, Stettin
80 cks, Venetia, Stettin
5 kgs, Brema, Hamburg
ASPHALTUM—40 sks, Yumuri, Havana
506 cks, Anna, Bremen
BALSAM, COPAIBA—9 bls, Paraeuse, Para
BARK, BUCKTHORN—25 bls, J L Hopkins & Co, Atlantic, Hamburg
10 bls, J L Hopkins & Co, Atlantic, Hamburg
SOAP—60 bls, J L Hopkins & Co, Atlantic, Hamburg
BARRELS, PET—491 bbls, D Maria, Lisbon
BARYTES—3 cks, Europe, London
23 cks, Loch Lomond, Rotterdam
BEANS, TONKA—2 cks, Suevia, Hamburg
30 cs, Paraeuse, Para
VANILLA—7 cs, Yumuri, Havana
10 cs, Mexico, Havana
PREP—22 cs, Suevia, Hamburg
COLCOTHAR—17 kgs, Manitoba, London
COLOCYNTH—6 cs, Tauric, Liverpool
COLORS—44 cks, Amalfi, Hamburg
3 cks, Getlert, Hamburg
4 cs, La Gascogne, Havre
DRY—2 cs, Majestic, Liverpool
VEG—2 cks, Majestic, Liverpool
WATER—3 cs, Suevia, Hamburg
CORKS—7 bls, Ch Lafite, Bordeaux
2 bls, Tauric, Liverpool
WOOD—8 835 bls, Dona Maria, Cadiz
150 bdls, Dona Maria, Oporto
CREOSOTE—1 cs, Lehn & Fink, Gellert, Hamburg
CUDBEAR—5 cks, America, London
CUTTLEFISH BONE—48 stpts, Geo Heaton, Palermo
20 stpts, Ceo Heaton, Palermo
71 stpts, California, Trieste
DEXTRINE—150 bgs, Venetia, Stettin
DIVI DIVI—100 bgs, Curacao, Curacao
1,800 bgs, Hollinside, Maracaibo
DRUGS—4 bbls, Catania, Para
8 bls, California, Fiume
15 bls, California, Trieste
23 bls, Brema, Hamburg
38 pgs, Edam, Rotterdam
9 cs, Galileo, Hull
DUTCH METAL LEAF—2 cs, America, London
FLOWERS, CHAM—16 bls, California, Bari
20 bls, Brema, Hamburg
9 cks, Brema, Hamburg
TILIA—4 bls, J L Hopkins & Co, Adrian, Budepest
GLYCERINE—69 dms, Manitoba, London
40 dms, America, London
10 cs, Gellert, Hamburg
GUM ALOES—63 bxs, Curacao, Curacao
CHICLE—25 scks, Yumuri, Havana
48 bgs, Yumuri, Havana
14 sks, Yumuri, Havana
50 sks, Mexico, Havana
COPAL—50 bgs, Paraeuse, Maranham
DAMAR—200 cs, America, London
HERBS, HOREHOUND—61 bls, J L Hopkins & Co, Dania, Hamburg
INDIGO—1 kg, Friesland, Antwerp
EXT—16 cks, America, London
5 cks, America, London
IODINE—79 bbls, Newport, Colon
IRON OX—40 cks, Manitoba, London
KAOLINE—35 cks, Veendam, Rotterdam
LEAD, RED—5 cks, Wing & Evans, Britannic, Liverpool
LEAVES, ANNATTO—100 bgs, Alene, Kingston
BAY—14 bls, Caribbee, Dominica
COCA—65 bls, Newport, Colon
4 bls, Tauric, Liverpool
LIVERWORT—2 bls, J L Hopkins & Co, Brema, Hamburg
MED—8 bls, California, Trisste
SENNA—10 bls, Tauric, Liverpool
ALEX—30 bls, J L Hopkins & Co, Macedonia, Egypt
5 cs, J L Hopkins & Co, Macedonia, Egypt
UVA URSI—10 bls, J L Hopkins & Co, France Hamburg
LEECHES—6 cs, Majestic, Liverpool

Fuerst Bros. & Co.
NEW YORK 2 and 4 Stone Street
Importers and Manufacturers Agents
LONDON, ENG. 17 Philpot Lane, E.C
Soda Ash, Bleaching Powder, Caustic Soda, Salt Cake, Chlorate, Carbonate & Caustic Potash, Oxalic Acid, etc
Phosphoric Acid, Carbolic Acid, Castile Soap, Essential Oils, Extracts, Opium, Gums etc., etc., etc.
Telephone Call "2884 Cortlandt."

ABRAM De RONDE & CO. 12 CEDAR STREET, NEW YORK

Refined Fullers Earth
Refined Gray Tartar
Prime Dutch Madder

NITRATE IRON

FORMALIN
(Trade Mark.)

Schering & Glatz, Maiden Lane, New York
Sole Representatives in the United States for the
Chemische Fabrik auf Actien vormals E. Schering in Berlin, Germany

The New Harmless Germicide
Has a germicidal action superior to Corrosive Sublimate without its toxicity.
This Liquid Mixes in all Proportions with Water
At ordinary temperature even. FORMALIN gives off Gaseous Formic Aldehyd, and the evolution of Gas is, of course, accelerated by application of heat.
Drs. J. STAHL, BERLIOZ and FRILLAT, found that ANTHRAX BACILLI were killed by a solution of 1:50,000, while Aaronson stated that solutions of 1:20.000 prevented the development of Typhus and Anthrax Bacilli, as well as that of Staphylococcus Pyogenes Aureus. Dr. J. STAHL'S observations showed that after one hour's exposure to one per mille, or a quarter of an hour's exposure to a 1¼ per mille solution of FORMALIN, the most resistant forms of micro-organisms were destroyed. FORMALIN, therefore, is equal at least in germicidal power to Corrosive Sublimate, and, under certain conditions, superior when Albuminoid Solutions are present. FORMALIN may be applied in 1% solutions, by Spray Diffusers, without damage to Furniture, Metal or Materials. FORMALIN is supplied in one pound bottles.

LEMON PEEL—8 cs, America, London
LIME JUICE—50 pchs, Alene, Kingston
35 hhds, Caribbee, Antigua
49 hhds, Caribbee, Antigua
LITHOPONE—50 cs, Venetia, Stettin
LOGWOOD—500 tns, Prins Maurits, Paramaribo
7,103 dcs, Jessie Barlow, Campecher
1,790 qtls, J E Woodhouse, Laguna
205 tons, Ozama, Cape Hayti
MALT, EXT—4 bbls, Veendam, Rotterdam
22 cks, Galileo, Hull
MAGNESIUM—3 cks, R Hill, London
MANGANESE—350 tns, Glamorganshire, China
ACETATE—3 cs, Manitoba, London
MATCHES—500 cs, Colorado, Hull
20 cs, Atlantic, Hamburg
120 cs, Galileo, Hull
MED PREP—9 cs, Brema, Hamburg
30 cs, LaGascogne, Havre
MICA—4 pgs, P Monarch, London
NUTGALLS, EXT—25 cks, LaGascogne, Havre
OCHER—100 cks, LaChampagne, Havre
51 cks, Galileo, Hull
12 kgs, Berlin, Southampton
OIL, BERGAMOT—21 cs, Montebello, Messina
CAJEPUT—14 cs, Veendam, Rotterdam
COCOANUT—263 pgs, America, London
COD LIVER—100 bbls, Lehn & Fink, Galileo Hull
ESS—3 cks, Edam, Rotterdam
FISH—32 bbls, Manitoba, London
GERANIUM—4 cs, La Champagne, Havre
JUNIPER—1 cs, California, Trieste
LAVENDER—3 cs, La Gascogne, Havre
LEMON—16 cs, Geo Heaton, Messina
5 cs, Brunel, Messina
50 cs, Brunel, Messina
18 cs, Montebello, Messina
LIME—4 cs, Caribbee, Dominica
NEROLI—1 cs, La Champagne, Havre
ORANGE—7 cs, Montebello, Messina
PALM—8 cks, Nomadic, Liverpool
RAPE SEED—12 bbls, P Monarch, London
119 bbls, Veendam, Rotterdam
20 cks, Edam, Rotterdam
ROSE ATTAR—5 cs, Berlin, Southampton
ROSEMARY—3 cs, La Champagne, Havre
OPIUM—1 cs, Berlin, Southampton
ORANGE FLOWER WATER—51 pgs, Tauric, Liverpool
MINERAL—32 cks, Loch Lomond, Rotterdam
PEEL—4 bls, Tauric, Liverpool
70 bgs, Alene, Kingston
PEPPER—127 bgs, America, London
PERFUMERY—6 cs, La Champagne, Havre
PHAR PREP—3 cs, Lehn & Fink, Edam, Rotterdam
PHOSPHATE—2,800 bgs, Carnedd L, Antwerp
20 cs, Hekla, Christiana
PIMENTO—22 bgs, Lancastrian Prince, Kingston
117 bgs, Alene, Kingston
88 bgs, Alene, Kingston
132 bgs, Alene, Kingston
POMADE—2 cs, La Gascogne, Havre
15 cs, LaChampagne, Havre
POPPY HEADS—9 cs, J L Hopkins & & Co, Persia Nimes
POTASH—19 cks, Amalfi, Hamburg
CARB—10 cks, Arizona, Liverpool
CAUSTIC—35 dms, Arizona, Liverpool
CHLOR—400 sks, Edam, Rotterdam
198 bgs, Ed Hill's Son & Co, Nomadic, Liverpool
300 kgs, J L & D S Riker, Nomadic, Liverpool
PUMICE STONE—80 bbls, S Prince, Leghorn
3 bgs, Manningham, Palermo
60 cs, H H Meier, Bremen
ROOT, CHICORY—399 bgs, Friesland, Antwerp
ALKANET, GERMAN—17 bls, J L Hopkins & Co, Atlantic, Hamburg
CALAMUS—10 bls, J L Hopkins & Co, France Nimes
JALAP—4 bls, Mexico, Havana
MED—20 bls, Tauric, Liverpool
10 bls, Edam, Rotterdam
SQUILLS—22 bls, J L Hopkins & Co, Bovic, Malta
YELLOW DOCK—6 bls, J L Hopkins & Co, Atlantic, Liverpool
SEED, ANISE—50 bgs, California, Bari
32 bgs, Brema, Hamburg
CANARY—136 bgs, Dona Maria, Cadiz
CORIANDER—173 bgs, Brema, Hamburg
MUSTARD—100 bgs, California, Bari
RAPE—4 bgs, America, London
SIENNA—12 cks, Swedish Prince, Denia
2 cks, Gellert, Hamburg
SOAP—22 cks, Gellert, Hamburg
CASTILE—150 bxs, P Monarch, London
500 bxs, P Monarch, London
500 cs, California, Trieste
100 cs, Spree, Bremen
35 cs, Arizona, Liverpool
GREEN—3 cks, 20 bbls, Lehn & Fink, Gellert Hamburg
STOCK—15 bbls, Arizona, Liverpool
SODA ASH—300 bgs, Arizona, Liverpool
75 cks, Wing & Evans, Nomadic, Liverpool
1,800 bgs, Wing & Evans, Nomadic, Liverpool
40 cks, Nomadic, Liverpool
280 bgs, Nomadic, Liverpool
87 cks, J L & D S Riker, Nomadic, Liverpool
1,630 bgs, Wing & Evans, Britannic, Liverpool
240 cks, Wing & Evans, Lepanto, Antwerp
BICARB—100 cks, Nomadic, Liverpool
100 kgs, Wing & Evans, Nomadic, Liverpool
CAUSTIC—150 dms, Ed Hill's Son & Co, Nomadic, Liverpool
15 dms, Jas Lee & Co, Nomadic, Liverpool
200 dms, Jas Lee & Co, Arizona, Liverpool
120 dms, Jas Lee & Co, Arizona, Liverpool
30 cks, Jas Lee & Co, Britannic, Liverpool
PHOS—27 cks, Veendam, Rotterdam
SAL—15 cks, Wing & Evans, Nomadic, Liverpool
SPONGES—9 cs, Gellert, Hamburg
43 bls, Valencia, Nassau
83 bls, Valencia, Nassau
SULPHUR, LAC—15 cks, J L Hopkins & Co, Manitoba, London
SUMAC EXT—10 cks, Chicago, Antwerp
GROUND—840 bgs, Brunel, Palermo
TALC—100 bgs, Umbria, Liverpool
500 bgs, Ch Lafite, Bordeaux
TAMARINDS—70 kgs, Bermuda, St Pierre
TARTAR—245 bgs, Italia, Lisbon
TURPENTINE, VEN—30 bbls, California, Trieste
ULTRAMARINE—4 cks, Edam, Rotterdam
VARNISH—13 cks, Berlin, Southampton
VARNOLETTE—5 cks, Amalfi, Hamburg
VENETIAN RED—10 bbls, Manitoba, London
300 cks, Arizona, Liverpool
WAX—4 bbls, Ozama, Azua
MINERAL—200 bgs, Venetia, Stettin
268 bgs, Venetia, Stettin
YELLOW—5 pgs, Mexico, Havana
ZINC, CHLOR—4 cks, Veendam, Rotterdam

—:o:—

WAREHOUSED.

ACID, BORACIC—20 cks, Germanic, Liverpool
10 kgs, Germanic, Liverpool
ANILINE COLORS—28 cks, Veendam, Rotterdam
7 cks, Gellert Hamburg
9 cks, Saale, Bremen
7 cs, Friesland, Antwerp
26 cks, Friesland, Antwerp
BAY RUM—25 bbls, Ozama, San Domingo
BLUE, BERLIN—14 cks, Friesland, Antwerp
40 cks, Veendam, Rotterdam
BRISTLES—10 cs, Dubbeldam, Havre
BRONZE POWDER—6 cs, Saale, Bremen
CHEM COMP—20 cks, Friesland, Antwerp
CHINA CLAY—600 cks, Montreal, Fowey
CHROME, FLUORIDE—4 cks, Friesland, Antwerp
CORKS—11 bls, Tauric, Liverpool
125 bls, Ch Lafite, Bordeaux
10 bls, Arizona, Liverpool
COLORS, PAINTERS—4 cs, Moravia, Hamburg
DEXTRINE—300 bgs, Hekla, Stettin
FULLERS EARTH—480 bgs, P Monarch, London
GELATINE—22 cs, Rhynland, Antwerp
8 bgs, Belgenland, Antwerp
GLASS, PLATE—31 cs, Chicago, Antwerp
GLUE—100 bgs, Tauric, Liverpool
36 bgs, Belgenland, Antwerp
LEAD, WHITE—8 cks, Suevia, Hamburg
MAGNESIA, CIT—50 cs, Werra, Genoa
MATCHES—150 cs, Colorado, Hull
MED PREP—7 cs, Cearcuse, Para
MICA—113 pgs, Hekla, Christiana
RESORCINE—2 cks, Friesland, Antwerp
SODA, CAUSTIC—100 dms, Runic, Liverpool
100 dms, Croma, Newcastle
SPONGES—21 bls, Gellert, Hamburg
32 bls, Valencia, Nassau
STARCH, POTATO—100 bgs, Hekla, Stettin
ULTRAMARINE—20 cs, Veemdam, Rotterdam

IMPORTS AT MONTREAL.

For week ending Sept. 13.

ACID, TARTARIC—2 cks, Lake Huron, Liverpool
BORAX—14 bbls, Oregon, Liverpool
CHEMICALS—10 cks, Lake Huron, Liverpool
COLORS—2 pgs, Numidian, Liverpool
23 pgs, Oregon, Liverpool
200 cks, Indrani, Glasgow
DRUGS—1 cs, Lake Huron, Liverpool
DYESTUFFS—Indrani, Glasgow
5 cks, Indrani, Glasgow
GINGER—1 bbl, Peveril, London
GLASS—4 cs, Loke Huron, Liverpool
PLATE—13 cs, Lake Huron, Liverpool
WINDOW—173 pgs, Oregon, Liverpool
112 bxs, Oregon, Liverpool
54 cs, Lake Huron, Liverpool
GLUE—3 cks, Peveril, London
LITHARGE—20 cks, Indiani, Glasgow
NUTMEGS—25 cs, Peveril, London
PEPPER—78 bgs, Peveril, London
PERFUMERY—10 pgs, Numidian, Liverpool
POTASH—2 cks, Indrani, Glasgow
CARB—1 bbl, Numidian, Liverpool
RED, INDIAN—15 cks, Lake Huron, Liverpool
VENETIAN—67 bbls, Lake Huron, Liverpool
SEEDS—15 bgs, Indrani, Glasgow
CANARY—6 bgs, Peveril, London
CARAWAY—3 bgs, Peveril, London
SODA—4 cks, Lake Huron, Liverpool
ASH—13 tcs, Numidian, Liverpool
50 bgs, Numidian, Liverpool
BICARB—160 kgs, Numidian, Liverpool
200 kgs, Numidian, Liverpool
CAUSTIC—365 dms, Numidian, Liverpool
250 dms, Oregon, Liverpool
350 dms, Lake Huron, Liverpool
20 dms, Lake Huron, Liverpool
NITRATE—8 bgs, Lake Huron, Liverpool
SAL—150 kgs, Numidian, Liverpool
50 bgs, Numidian, Liverpool
WHITING—334 cks, Peveril, London

—:o:—

IMPORTS AT BALTIMORE.

For week ending Sept. 14.

BLEACH—90 cks, J L & D S Riker, Queensmore, Liverpool
MANURE SALT—500 bgs, Stuttgart, Bremen
SODA ASH—60 cks, Wing & Evans, Queensmore, Liverpool
CAUSTIC—60 dms, Jas Lee & Co, Queesmore, Liverpool

—:o:—

IMPORTS AT BOSTON.

For week ending Sept. 12.

ALKALI—94 pgs, Georgian, Liverpool
BLEACH—135 cks, J L & D S Riker, Norseman, Liverpool
CHINA CLAY—400 cks, Catalonia, Liverpool
50 cks, Georgian, Liverpool
OPIUM—5 cs, Georgian, Liverpool
POTASH, CHLOR—80 kgs, J L & D S Riker, Georgian, Liverpool
SEED, MUSTARD—100 bgs, Catalonia, Liverpool
SODA, CAUSTIC—150dms, Ed Hill's Son & Co, Cambroman, Liverpool
SULPHUR—1,336 bgs, Georgian, Liverpool

—:o:—

IMPORTS AT NEW ORLEANS.

For week ending Sept. 11.

BLEACH—35 cks, Legislator, Liverpool
SODA, CAUSTIC—50 dms, Legislator, Liverpool
10 dms, Legislator, Liverpool

—:o:—

IMPORTS AT PHILADELPHIA.

For week ending Sept. 14.

ANILINE COLORS—6 cks, Assyrian, Glasgow
AMMONIA, MURI—10 cks, Br Prince, Liverpool
CHALK—409 tns, Thor, Havre
2,875 tns, Enesmere, London
COAL TAR—150 bbls, Assyrian, Glasgow
DYESTUFFS—2 bbls, Switzerland, Antwerp
FULLERS EARTH—60 bgs, Assyrian, Glasgow
FUSTIC—32,560 stks, Carrie E Woodbury, Tampico
GUM, ARABIC—3 bgs, Br Prince, Liverpool
INSECT POWDER—200 bbls, Br Princess, Liverpool
KAINIT—1,009 tns, Bargany, Hamburg
KRYOLITE—62 cw, Iodine, Greenland
LOGWOOD—525 tns, Bergenseren, Pt de Paix
OIL, PALM—16 cks, Br Princess, Liverpool

Chemische Fabrik vormals
Hofmann & Schoetensack
Ludwigshafen on Rhine, Germany
R. W. PHAIR & CO.,
74 PINE ST, NEW YORK
Sole Agents, U. S. & Canada.

CHLORAL HYDRATE (Saame's brand.)
SALICYLIC ACID
SALICYLATE OF SODA
SALACETOL
ACETANILID

CROTON CHLORAL HYDRATE
CHLOROFORM OF CHLORAL
PERMANGANATE OF POTASH
PRECIPITATED CHALK
Finest white and light (several qualities

ERCHLORIDE OF IRON
HOSPHATES OF LIME AND SODA
NITRONAPHTHALINE
TETRACHLORPHTALIC ACID
NAPHTHALINE
in Scales, Sticks and Marbles.

And other Chemicals for use in Medicine and the Arts.

POTASH—100 bbls, Assyrian, Glasgow
CARB—100 cks, Polynesia, Hamburg
85 cks, Polynesia, Hamburg
CAUSTIC—100 dms, Switzerland, Antwerp
MURI—750 bgs, Polynesia, Hamburg
SULPH—1,000 bgs, Polynesia, Hamburg
PUMICE STONE—15 bbls, Br Princess, Liverpool
PYRITES—1,850 tns, Arecuna, Pilley's Island
SOAP—200 bxs, Br Princess, Liverpool
20 bxs, Br Princess, Liverpool
SODA ASH—400 bgs, Br Princess, Liverpool
47 cks, Br Princess, Liverpool
131 cks, Wing & Evans, Br Princess, Liverpool
200 bgs, Wing & Evans, Br Princess, Liverpool
47 cks, Br Princess, Liverpool
134 bgs, Assyrian, Glasgow

WITHDRAWALS FROM BOND.

For week ending Sept. 14.

Ammoniac Sal, cks	20
Aniline colors, pgs	76
Aniline dyes, pgs	27
Bay rum, pgs	31
Bronze powder, cs	10
Chem comp, cs	18
Chem prep, cs	10
Chrome yellow, cs	1
Colors, cks	20
Corks, pgs	89
Dextrine, bgs	100
Dutch metal leaf, cs	3
Glass, window, cs	865
Glass, colored, cs	7
Glass, looking, cs	31
Glue, cs	31
Guarana, cs	1
Gum, camphor, cs	2
Leaves, sage, bls	26
Lemon peel, cs	22
Licorice, paste, cs	75
Magnesia, cs	10
Magnesia, cit, cs	6
Mica, cs	6
Oil, cod liver, bbls	48
Oil, ess, cs	1
Oil, harlem, cs	20
Oil, myrbane, cs	10
Orange, peel, cs	5
Paint, dms	19
Perfumery, cs	38
Pomades, cs	4
Soap, cs	2
Sponges, bls	23
Soda, caustic, dms	156
Soap, castile, cs	25
Starch, bgs	200

TOTAL DOMESTIC RECEIPTS.

FOR WEEK ENDING SEPT. 14, 1893.

		For week.	Since Jan. 1
Alcohol	bbls.	..	2,375
Beeswax	pkgs.	9	15
Bone black	bags.	..	16,296
Borax	pkgs.	300	40,279
Crude	pkgs.	..	.
Cottonseed	bags.	..	6,031
Ashes	bgs.	..	6,814
Cake	bags.	..	8,381
Meal	bgs.	336	52,163
Flaxseed	bu	141,500	1,526,090
Glue	bbls.	..	203
Stock	pkgs.	..	54
Glucose	bbls.		
Grease	pkgs.	1,309	3,672
High Wines	bbls.	350	36,455
Lead	pigs.	5,243	270,563
Mustard seed	bags.	..	9,301
Oil, Cottonseed	bbls.	1,141	113,266
Cake	bags.	2,641	235,039
Lard	bbls.	10	6,359
Lubricating	bbls.	767	28,482
Whale	bbls.	..	685
Oleo stock	pkgs.	1,720	59,764
Pitch	bbls.	175	3,630
Quicksilver	flks.	..	7,600
Rosin	bbls.	6,669	203,117
Soap	bbls.	..	14,829
Soap stock	bbls.	..	11,484
Sponge	bls	19	73
Starch	pgs	1,250	11,600
Stearine	pkgs.	5	26,853
Sumac	bags.	..	14,569
Tallow	pkgs.	1,611	54,753
Tar	bbls.	566	13,539
Turpentine, crude	bbls.	..	1,3[illegible]
Spirits	bbls	2,374	59,886

NEW YORK DOMESTIC RECEIPTS.

For week ending Sept. 14, 1893.

BEESWAX—9 pgs, str, Richmond
BORAX—300 bgs, str, New Orleans
COTTONSEED MEAL—336 bgs, str, Richmond
FLAXSEED 141,500 bu, Canal Boats
GREASE—31 pgs, W S RR
188 pgs, N R boats
10 pgs, str, Richmond
69 pgs, E RR
649 pgs, H R RR
85 pgs, P & R RR
5 pgs, C RR of N J
2 pgs, D, L & W RR
HIGH WINES—65 bbls, D, L & W RR
65 bbls, B & O RR
220 bbls, P RR
LEAD—360 pgs, W S RR
2,800 pgs, str, New Orleans
2,143 pgs, str, Richmond
OIL, COTTONSEED—494 bbls, str, Savannah
496 bbls, N R Boats
151 bbls, str, New Orleans
CAKE—1,572 bgs, E RR
300 bgs, H R RR
769 bgs, P & R RR
LARD—10 bbls, H R RR
LUB—707 bbls, E RR
60 bbls, C RR of N J
OLEO STOCK—435 pgs, H R RR
895 pgs, D, L & W RR
180 pgs, W S RR
150 pgs, P RR
60 pgs, P & R RR
PITCH—160 bbls, str, Savannah
15 bbls, str, Wilmington
ROSIN—4,480 bbls, str, Savannah
473 bbls, str, Richmond
1,083 bbls, str, Wilmington
504 bbls, str, Georgetown
29 bbls, str, Charleston
SPONGES—19 bls, str, Charleston
STARCH—1,150 pgs, P & R RR
STEARINE—5 pgs, P RR
TALLOW—241 pgs, H R RR
166 pgs, P RR
206 pgs, D, L & W RR
93 pgs, P & R RR
19 pgs, C RR of N J
125 pgs, N R Boats
65 pgs, str, Richmond
31 pgs, E RR
3 pgs, N Y, O & N RR
83 pgs, B & O RR
579 pgs, W S RR
TAR—31 bbls, str, Richmond
535 bbls, str, Wilmington
TURPENTINE, SPIRITS—196 bbls, str, Savannah
328 bbls, str, Richmond
1,618 bbls, str, Wilmington
172 bbls, str, Charleston
50 bbls, str, Jacksonville
210 bbls, str, Georgetown

EXPORTS FROM NEW YORK.

For week ending Sept. 14.

ACID, SULPH—100 cbys $320 Breidablik, Baracoa
14 dms $212 Ardanmhor, Cardenas
100 cbys $340 Havana, Cuba
AMMONIA—10 cbys $609 City of Alexandria, Cuba
BARK EXT—100 bbls $1,447 Colorado Hull
DRUGS—8 cs $578 Europe, London
4 cs $205 P Monarch, London
41 pgs $780 Caracas, Venezuela
10 cs $284 Alene, Kingston
DYEWOOD, EXT—200 bxs $2,508 Moravia, Hamburg
345 pgs $2,112 Suevia, Hamburg
FLAXSEED—16,747 bu $22,800 Veendam, Rotterdam
8,392 bu $11,400 Didam, Rotterdam
GLUCOSE—250 bbls $3,305 Europe, London
400 bbls $2,500 L Hill, London
400 bbls $5,340 Manitoba, London
50 bbls $573 Ping Suey, Liverpool
343 bbls $4,044 Manitoba, London
400 bbls $4,293 City of Rome, Glasgow
350 bbls $4,130 Colorado, Hull
150 bbls $2,010 Monomoy, Avonmouth
100 bbls $1,400 Monomoy, Avonmouth
100 bbls $1,105 Croma, Aberdeen
150 bbls $2,010 Croma, Leith
GLUE STOCK—4 cs $96 Suevia, Hamburg
GRAPE SUGAR—250 bgs $495 Runic, Liverpool
5,000 bgs $11,200 Manitoba, London
500 sks $1,120 Ping Suey, Liverpool
500 bgs $924 Manitoba, London
250 bxs $480 Manitoba, London
125 bbls $940 Manitoba, London
400 bgs $800 America, London
250 bgs $540 Monomoy, Avon mouth
GREASE—600 tcs $12,375 Chicago, Antwerp
240 tcs $1,511 Suevia, Hamburg
75 pgs $782 Croma, Leith
BONE—80 bbls $1,294 Moravia, Hamburg
28 tcs $540 Moravia, Hamburg
GUANO, FISH—1,000 bbls $3,400 Carrie L Tyler, Ponce
HOPS—658 bls $52,640 Paris, Southampton
LEAD—2,291 pigs $4,450 Norwegian, Glasgow
LIME, ACETATE—304 bgs $900 Martello, Hull
1,581 bgs $5,500 Moravia, Hamburg
351 bgs $920 Waesland, Antwerp
847 bgs $1,300 City of Rome, Glasgow
OIL, BEEF—299 tcs $10,500 Veendam Rotterdam
100 tcs $4,200 Suevia, Hamburg
CAKE—500 bgs $1,800 Paris, Southampton
1,500 sks $6,500 Wells City, Bristol
787 bgs $3,054 Manitoba, London
745 bgs $2,800 Chicago, Antwerp
LINSEED—950 sks $2,850 Europe, London
747 bgs, $3,500 Martello, Hull
790 bgs $3,520 L Hill, London
COCOANUT—10 pipes $1,300 City of Rome, Glasgow
COD LIVER—315 bbls Newport, Colon
COTTONSEED—75,000 gls $33,000 Martello, Hull
195 gls $82 Werra, Genoa
10,000 gls $5,000 Hekla, Stettin
2,602 gls $911 Moravia, Hamburg
5,000 gls $1,200 Tancarville, Havre
1,247 gls $475 Tauric, Liverpool
5,002 gls $2,050 Waverly, Montevideo
1,011 gls $421 Madiana, Fr West Indies
192 gls $86 Alene, Kingston
2,317 gl $1,008 Alege, Kingston
2,604 gls $913 Veendam, Rotterdam
1,250 gls $700 Daylight, Demerara
500 gls $270 Scud, Trinidad
1,507 gls $590 Jose D Bueno, Demerara
4,937 gls $1,800 Maria Luigia, Oran
33,000 gls $13,895 California, Genoa
100,000 gls $42,000 Colorado, Hull
ESS—6 cs $400 L Hill, London
6 cs $588 La Coampagne, Havre
2 cs $70 Aug Victoria, Hamburg
LARD—50 bbls $1,672 Europe, London
LUB—21,300 $2,130 Wells City, Bristol
17,400 gls $3,925 Waverly, Buenos Ayres
15,200 gls $3,876 Plata, Genoa
10,500 gls $4,000 Tauric, Liverpool
50 bbls, $2,508 Aller, Bremen
4,500 gls $1,190 L Hill, London
9,500 gls $2,400 L Hill, London
51,200 gls $5,100 Runic, Liverpool
2,000 gls $670 Waverly, Arg Republic
5,100 gls $500 La Champagne, Havre
24,000 gls $2,100 Moravia, Hamburg
70,000 gls $7,000 Tancarville, Havre
24,000 gls $2,400 Croma, Leith
35,000 gls $3,500 Dorset, France
22,500 gls $2,250 Monomoy, Avonmouth
36,250 gls $3,175 Chicago, Antwerp
13,000 gls $4,000 La Champagne, Havre
51,000 gls $5,100 St Ronans, Liverpool
4,750 gls $2,500 Manitoba, London
6,750 gls $1,7000 Veendam, Rotterdam
7,500 gls $570 Veendam, Rotterdam
2,980 gls $297 California, Genoa
1,248 gls $219 City of Rome, Glasgow
10,200 gls $2,020 Colorada, Hull
MEAL—150 pgs $900 Arcot, St John
100 bgs $1,50 Clara Goodwin, Bardadoes
500 bgs $1,000 Scud, Trinidad
OLEO—125 tcs $5,040 Martello, Hull
225 tcs $9,000 Peruvian, Glasgow
455 tcs $6,625 Moravia, Hamburg
335 tcs $9,800 Moravia, Hamburg
150 tcs $5,185 Hekla, Christiana
75 tcs $2,837 Veendam, Rotterdam
310 tcs $12,600 Veendam, Rotterdam
700 tcs $21,753 Suevia, Hamburg
PARAFFINE—10,000 $900 Martello, Hull
250 cs $1,250 Runic, Liverpool
PEPPERMINT—3 cs $377 Werra, Genoa
PARAFFINE WAX—590 bbls $5,900 L Hill, London
305 bbls $3,050 Runic, Liverpool
180 bbls $1,800 Moravia, Hamburg
1,350 pgs $6,750 Moravia, Hamburg
60 bbls $675 Suevia, Hamburg
1,155 bbls $11,550 Croma, Aberdeen
PIMENTO—150 bgs $1,800 Ping Suey, Liverpool
200 bgs $1,200 Suevia, Hamburg
ROOTS, SENEGA—38 bls, $2,719 Werra, Genoa
ROSIN—150 bbls $500 Waverly, Arg Republic
300 bbls $840 Westaway, Brazil
986 bbls $2,100 Ping Suey, Liverpool
800 bbls $1,500 City of Rome, Glasgow
STARCH—120 sks $547 City of Rome, Glasgow
STEARINE—10 hhds $1,337 Germanic, Liverpool
TALLOW—275 tcs $4,520 Martello, Hull
100 tcs $2,131 Mexico, Progreso
100 bbls $1,400 Moravia, Hamburg
23 tcs $1,301 Moravia, Hamburg
250 bbls $1,600 Tancarville, Havre
20 fks $139 Ardanmhor, Cuba
50 tcs $1,465 Veendam, Rotterdam
500 tcs $10,500 California, Genoa
40 hhds $2,300 City of Rome, Glasgow
291 tcs $5,295 Colorado, Hull
40 hhds $2,360 Suevia, Hamburg
100 bbls $1,400 Suevia, Hamburg
TURPENTINE—35 cs $110 Andanmhor, Sagua
50 cs $177 Andanmhor, Sagua
500 cs $1,700 Waverly, Buenos Ayres
35 cs $122 Jose D Bueno, Demerara
VARNISH—25 bbls $1,296 L Hill, London
25 cs $244 Waverly, Arg Republic
4 bbls $250 Hekla, Stettin
13 cs $120 Rosse, Brazil
20 bbls $498 Colorado, Hull
ZINC, OX—50 bbls $378 St Ronans, Liverpool
60 bbls $453 Colorado, Hull
20 bbls $173, Peruvian, Glasgow

Philadelphia Exports.

For week ending Sept. 7.

GREASE—3 bbls, Carthagenian, Glasgow
206 bbls, Lord Clive, Liverpool
OIL, LUB—50 bbls, Carthagenian, Glasgow
SOAP—991 bxs, Carthagenian, Glasgow
TALLOW—63 tcs, Lord Clive, Liverpool

Baltimore Exports.

For week ending Sept. 7.

GRAPE SUGAR—2,000 sks, Rossmore, Liverpool
5,500 sks, Merrimac, London
OIL, LUB—50 bbls, Rossmore, Liverpool
PARAFFINE WAX—299 lbs, Rossmore, Liverpool
STARCH—1,199 sks, Rossmore, Liverpool

New Orleans Exports.

For week ending Aug. 30.

OIL, COTTONSEED—4,000 bbls, Irthington, Rotterdam

Savannah Exports.

For week ending Sept. 13.

TURPENTINE—2,618 cks, Lovespring, Hamburg

Boston Exports.

For week ending Sept. 6.

ASBESTOS—280 bgs, Milanese, London
CHALK—25 cs, Milanese, London
GLASS, WINDOW—27 bxs, Water With, Hayti
GREASE—130 tcs Lancastrian, Liverpool
44 hhds, Roman, Liverpool
275 pgs, Kansas, Liverpool
OIL, MUTTON—84 cs, Lancastrian, Liverpool
PAINT—50 cs, Lancastrian, Liverpool
POTASH—100 kgs, Lancastrian, Liverpool
SEED, MUSTARD—100 bgs, Catalonia, Liverpool
STARCH—8 bxs, Yarmouth, Yarmouth
150 sks, Kansas, Liverpool
TALLOW—65 bbls, Angloman, Liverpool
405 tcs, Kansas, Liverpool

Savannah Exports.

For week ending Sept. 11.

ROSIN—5,072 bbls, Iris, Antwerp
559 bbls, Ascalor, Hamburg
TURPENTINE—5,300 bbls, Iris, Antwerp
4,163 bbls, Iris, Antwerp

San Francisco Exports.

For week ending Sept. 7.

DRUGS—10 pgs $126 San Jose, Mexico
FERTILIZER—260,000 lbs, Ceylon, Honolulu
HOOFS—9,500 lbs $300 City of New York, Japan
OIL, LUB—70 pgs $800 Ceylon, Honolulu
PAINTS—43 pgs $1,397 San Jose, Central America
ROOT, GINSENG—4,103 lbs $12,322 City of New York, Japan

BELLE OF NELSON WHISKEY

Druggists who want an absolutely pure and fine article of Kentucky Bourbon or Rye Whiskey can secure it in the

BELLE OF NELSON

Our claim that it is an old time hand made sour mash whiskey, distilled in the mountains of Kentuckyas whiskey was fifty years ago, i.e., boiled in wood and slowly doubled over an open wood fire mashed by hand in smal tubs, and that it is distilled from cold Spring water can be verified by addressing Col. Albert Scott, Collector of Internal Revenue, Louisville, Ky.

The public expect this character of whiskey from druggists—the opportunity is here presented to obtain it. Will sell in lots of 25 to 100 barrels Spring, 1892. 60c; Spring, 1891, 70c; Spring, 1890, 80c, in bond on four months' time.

Our Whiskey is the afinest, the purest, and only a few cents per gallon more than other brands. Give to your ustomers,nd the sick and suffering who buy of them wi'l rise and call you blessed. Address

BELLE OF NELSON DIST. CO.. New Hope. Nelson Co., Ky.

SOAP—300 bxs $515 City of New York, Japan
TALLOW—34,353 lbs $2,138 San Jose, Central America

GOODS ON THE WAY TO THE UNITED STATES BY SAIL.

Auckland

TO NEW YORK

John McDermott. 3,033 cs and 512 bags kauri gum

Calcutta

TO NEW YORK

Angola, 1,500 bgs cutch, 20,506 bgs linseed, 250 bgs turmeric, 284 bgs nux vomica
Siren, 2,298 bgs saltpeter, 10,163 bgs cutch, 3,749 bxs cutch, 500 bgs turmeric, 2 237 bgs bone meal, 30 cs asafœtida

Ceylon

TO NEW YORK

Anamba, 712 tons cocoanut oil
Minden, 280 tons cocoanut oil
Castor, 300 tons cocoanut oil

Singapore

TO NEW YORK

Henriette, 6,000 bls gambier. 4,626 pls sago flour, 12,167 pls black pepper, 1,506 pls white pepper, 2,057 pls copal gum, 1,263 pls flake tapioca, 2,095 pls pearl tapioca
Hiddekel, 8,500 bls gambier

TO BOSTON

Emma T Crowell, 4,000 bls gambier, 3,362 pcls sago flour, 834 pcls gum copal, 504 pcls flake tapioca, 1,260 pearl tapioca

West Coast South America

TO NEW YORK

Itonus, 10,000 bgs nitrate soda
Portland Lloyds, 14,000 bgs nitrate soda
Santiago, 4,000 bags nitrate soda
Eureka, 20,000 bags nitrate soda
Mauna Loa, 12,000 bags nitrate soad,
H B Hyde, 30,000 bgs nitrate soda
E B Sutton, 22,000 bgs nitrate soda
W H Macy, 22,000 bgs nitrate soda

TO BOSTON

Elwy, 8,000 bags Nitrate soda
Samaria, 15,000 bgs nitrate soda

TO HAMPTON ROADS

Minnie Brown, 12,000 bags nitrate soda
Thos A Goddard, 7,000 bags nitrate soda

TO PHILADELPHIA

Bayard, 16,000 bgs nitrate soda
St Julien. 12,000 bgs nitrate soda
Sabrina, 8,000 bgs nitrate soda

TO SAVANNAH & CHARLESTON

Endsleigh, 18,000 bgs nitrate soda

RECORD OF VESSELS.

Port & Name.	Sailed.	Last Reported.
Auckland		
J McDermott	July 6	
Calcutta.		
Angola	June 1	
Siren	June 24	
Ceylon.		
Anamba		Via Colombo Apr 10
Minden	May 27	At Mauritius Sept. 6 in distress.
Castor		Via Galle, June 28
Singapore.		
Henriette	May 12	
E T Crowell	June 13	
Hiddekel	July 4	
W. C. South America.		
Itonus	Due Sept	
Portl'd Lloyds	Due Sept	
Santiago	Due Sept	
Minnie Brown	Due Sept	
Mauna Loa	Due Oct.	In distress at Valparaiso
Elwy	Due Oct	
T A Goddard	Due Oct	
Eureka	In distress at Valparaiso July 30	
Samaria	Due Oct	
Endsleigh	Due Oct	
St Julien	Due Nov	
E B Sutton	Due Nov	
Sabrina	Due Nov	
H B Hyde	Due Dec	
W H Macy	Due Dec	

TOTAL IMPORTS AT NEW YORK.

In the following table we give the total imports, in packages unless otherwise specified, and their value at the port of New York, for week ending Sept. 15, 1893:

	Quantity.	Value.
Glass, plate	119	10,195
Glass, window	8,688	11,399
Lookingglass plates	33	5,182
Arsenic	200	1,829
Acid, boracic	30	765
Acid, citric	52	1,290
Acid, oxalic	160	5,911
Acid, all others	16	1,602
Aniline colors	212	16,596
Aniline salt	21	694
Ammonia, muriate of	25	1,313
Argols	2,094	41,539
Albumen	48	4,353
Alizarine	48	3,830
Asphalt	....	2,442
Balsam copaiba	13	887
Barytes, all others	26	480
Bay rum	1	5
Bleaching powder	548	11,863
Bronze powder	....	7,889
Chalk	....	3,641
Chemical salt	98	4,232
Chicory	2,159	6,751
Coca leaves	65	788
Cobalt	13	4,395
Colocynth	5	162
Cocaine	2	1,114
Cudbear	5	381
Cutch	8,504	53,925
Cuttlefish bone	189	7,136
Dextrine	450	2,892
Divi divi	1,610	1,076
Dyewood extract	1	6
Fish sounds	13	433
Flowers chammomile	16	647
Flowers	65	1,000
Fullers' earth	1,560	1,445
Gambier	1,187	9,176
Gelatine	73	4,026
Glucose	1	12
Glycerine	209	14,315
Gum, arabic	146	4,571
Gum, asphaltum	40	49
Gum, aloes	73	234
Gum, chicle	180	8,884
Gum, copal	50	373
Gum, damar	200	2,901
Gum, licorice	244	8,353
Gum, shellac	243	9,247
Gum, substitute	250	1,781
Gum, all other	4	81
Glue	185	4,876
Indigo	28	7,552
Indigo, carmine of	1	139
Indigo extract	29	1,447
Iodine	79	14,950
Leeches	10	140
Manganese	50	753
Manganese, ore	350	2,198
Manure salt	....	10,353
Mica	119	3,550
Archil liquor	30	1,008
Oxide of zinc	106	1,547
Oil, aniline	12	1,785
Oil, cajeput	14	392
Oil, cod	52	1,168
Oil, cocoanut	263	18,895
Oil, fish	32	800
Oil, geranium	4	788
Oil, juniper	1	83
Oil, lavender	73	2,987
Oil, neroli	1	547
Oil, olive	1,922	17,047
Oil, rape seed	131	2,474
Oil, rosemary	3	268
Oil, other essential	3	293
Oil, all other	101	988
Orange peel	74	91
Paints (unspecified)	....	1,972
Paint, Berlin blue	56	2,899
Paint, colcothar	17	50
Paint, drop black	6	143
Paint, iron oxide	53	233
Paint, ocher	101	336
Paint, orange mineral	32	967
Paint, sienna	13	499
Paint, venetian red	10	20
Paint, white lead	9	276
Pitch	500	1,213
Potash, chloride	64	2,978
Potash, crude	15	506
Potato starch	100	500
Root, jalap	4	129
Root, licorice	5,307	23,298
Root, orris	1	100
Root, rhubarb	23	984
Root, sarsaparilla	10	196
Root, squills	11	26
Root, all other	60	778
Saltpeter	1,384	6,000
Senna	10	97
Soda ash	2,136	23,287
Soda, bicarb	100	164
Soda, carbonate	56	289
Soda, caustic	520	7,731
Soda, sal	20	148
Storax	2	59
Sulphur	15	72
Sumac	840	3,555
Sumac extract	10	158
Talc	600	469
Tonka beans	33	3,128
Turmeric	749	4,024
Ultramarine	23	794
Vanilla beans	17	11,707
Varnish	4	77
Venice turpentine	80	2,298
Chemical instruments	6	100
Optical instruments	6	1,840
Surgical Instruments	3	941
Bristles	51	3,552
Rennets, prepared	4	889
Alcohol	20	708
Brandy	468	10,043
Gin	948	3,128
Whiskey	163	1,264
Wines	3,189	26,776
Dutch metal	9	2,191
Cassia	105	330
Cinnamon	50	623
Ginger	509	4,780
Mustard	259	4,885
Pepper	127	1,591
Pimento	1,250	7,551
Corkwood	....	43,077
Empty barrels	....	462
Fustic	....	1,994
Logwood M lbs	2	30,6925

MERCK & CO. 71 & 73 William Street New York

Importers, Manufacturers and Exporters of

CHEMICALS AND FINE DRUGS

Medicinal. Technical and Analytical.

GREASES for EXPORT

We are now making GREASES for Export a specialty, having erected large works for that purpose.

We guarantee our LUBRICATING and AXLE GREASES as being SECOND to NONE in point of QUALITY and offer them at MOST ADVANTAGEOUS PRICES

STANDARD OIL CO.
OF NEW YORK
Thompson & Bedford Department
128 Pearl Street, New York.

W. R. GRACE & CO.,
1 & 2 Hanover Square, New York City
IMPORTERS OF
NITRATE OF SODA
95 per cent. for Agricultural Purposes
White Nitrate for Glass Mfg
High Test for Powder Mfg.

Blacking	....	2,403
Brushes	....	987
Candles	....	144
Clay	....	6,530
Carbon	....	2,980
Corks	....	8,518
Cocoa, bgs	1,172	27,628
Portland cement	17,271	21,880
Perfumery	94	6,385
Powder polishing	....	225
Seed, annatto	106	779
Seed, anise	60	758
Seed, cardamom	4	90
Seed, mustard	100	857
Seed, rape	4	12
Soap, castile	1,250	2,147
Soap, all other	10	287
Wax	...	3,517

Drug Market.

(*Continued from page 39.*)

Seed of the new crop is reaching European markets in considerable quantities from Turkey, and quotations there show an inclination to recede. Holders of old seed abroad are manifesting some anxiety to realize on their goods, but are are experiencing some trouble in carrying their desires into effect. The Turkish crop this year is reported to be reasonably large but the Morocco production is said to be below the average.

Caraway.—This seed is held firmly in view of the situation on the other side and a fair inquiry here. On passing busines, dealers are in most instances exacting 7¼c as a minimum figure, but some holders are still willing to accept 7c.

Celery.—No new features have developed in celery seed. The demand is momentarily moderate and 11@11½c is quoted.

Hemp.—Advices from abroad represent a virtual exhaustion of old crop stocks there and no reinforcements of importance are looked for before about November. Russian seed is firm at 2¾@3c, as to quantity.

Mustard.—The consuming demand continues to improve and a large jobbing business is reported in most of the leading descriptions, at satisfactory prices. There are low quotations to be met with, however, and the dealers making these offers claim to be prepared to fill orders. For instance, we hear of round lots of spot California Trieste selling at 3⅞c and new crop of the same variety to arrive offered at 3⅝@3¾c. Yellow California seed to arrive is quoted, in instances, at 3¾@4c in quantities, either by steamer or sail. Bari brown, owing to the cheapness of California seed, may be purchased down to 5½c.

Rape.—The new crop German rape seed is held to arrive by some operators at 3⅛@3¼c, and on this basis considerable interest has been displayed by purchasers.

Shellac.

The market retains the general features named in our report last week. Prices are being firmly maintained on all marks and it is said that the intermediate grades are in comparatively light supply. The sales during the week averaged about 350 cases and the demand continues active. Bleached shellac has been advanced to 30@31c, as to quantity.

St. Louis Oil Market.

[Special to the REPORTER.]

Linseed Oil.—While a better feeling pervades the market in linseed oils and a canvass of the trade develops the belief in most quarters that prices have at last touched bottom, there is no denying the fact that there are still disturbing elements at work that may terminate in still another receding from present quotations of 38c. Some speculators are offering oil at a considerable discount owing to a desire to unload and whether or not this latter class of holders can control sufficient oil and influence to weaken the market remains to be seen. Inquiries for quantity lots are more frequent now than for several weeks, and the volume of business transacted is of goodly size.

Flaxseed.—This market is advancing under a heavier demand, there being an increase in price from 97c, at which it closed last week, to 99c at the moment, with an upward tendency. Receipts for the week were 18,700 bushels, making total to date 224,550 bushels, as compared to 488,220 bushels for same period of last year.

Castor Oil.—This market has increased in firmness during the period since our last review, consequent upon an enlarged demand, especially from the interior. This oil has been barren of any disturbing influences during the year, having been more or less in a firm position all the time with a uniform price of 14c for best grades and 11c for No. 3.

Lard Oil.—This oil is in rather a weak condition, with only inquiries for actual consumption. Sales durthe past week have been upon the basis of 60c in quantity lots for extra quality and leading brands.

Neatsfoot Oil.—Business is moving along in a routine way in usual channels for this season and aside from being in a slightly weaker position there is nothing of interest to note. Best grades and established brand command 52c in quantity lots and No. 1, 42@45c.

Boston Oil Market

[Special to the REPORTER.]

Cod.—This oil continues in dull demand, but there is a feeling that the market will be a good deal stronger, owing to reports of a small catch of fish, and that when a demand comes prices will be higher. Labrador and Newfoundland, 40@42c.

Degras.—The demand holds good for high grade oils, with the position of the market steady. American and German, 2⅝@2½c; English 2⅝@2¾c, French, 8@10c.

Linseed.—The market is still lower, with the demand only moderate. There is a feeling now that prices will not go materially lower and that they will remain stationary for a time. Car load lots at depot are quoted at 73c.

Menhaden.—Oil is very dull with only moderate jobbing lots moving. The reports concerning the catch continues poor. The price is 37c for all oil offering.

Sperm.—This oil is dull and featureless, with even small sales few and far between. Former prices are not lowered. Extra bleached winter, 95c, natural winter, 90c. Nothing of prime quality can be bought below these prices, but there is oil offering for less which is of poor quality.

Whale.—This oil is easy with the demand limited, and with stocks more than sufficient to supply the small requirements. Crude, 45c: natural winter, 46c; bleached, 50c; extra bleached, 52c.

Pipe Line Statement.

(*Continued from page 29.*)

of the shipments during each month in 1890, 1891, 1892 and 1893:

	1890.	1891.	1892.	1893.
January..	156,085	968,887	1,355,262	1,306,612
Febru'ry.	111,604	837,928	1,346,541	1,270,595
March....	123,125	830,448	1,532,606	1,290,646
April.....	115,222	836,854	1,512,358	1,205,748
May.....	169,662	1,078,489	1,427,753	1,321,782
June.....	207,036	923,605	1,492,543	1,253,843
July.....	170,427	997,681	1,389,501	1,152,374
August..	265,074	1,166,058	1,344,968	1,040,860
Sept.....	513,836	1,260,645	1,250,174	.....
October..	723,743	1,408,343	1,315,994	.....
Nov.....	657,614	1,391,400	1,323,204	.....
Dec.....	907,548	1,474,378	1,340,734	.....
Year....	4,120,976	13,174,716	16,631,738	.....
Av'ge...	343,414	1,097,893	1,385,978	1,230,557

(Continued on page 35.)

TOTAL NET STOCKS.

The following gives the amount of the stocks of Ohio oil at the close of each month in 1890, 1891, 1892 and 1893:

	1890.	1891.	1892.	1893.
January.	14,104,018	21,233,645	21,692,318	18,355,497
Febru'ry.	14,180,090	21,537,789	21,350,912	18,059,846
March...	14,241,340	21,957,948	20,896,185	17,877,265
April....	14,153,259	22,319,201	20,425,914	17,746,749
May.....	14,298,966	22,424,364	20,062,639	17 616,527
June....	14,513,553	22,704,033	19,668,893	17,642,117
July.....	14,744,004	22,930,048	19,467,970	17,779,733
August..	19,086,636	22,993,496	19,505,399	18,129,767
Sept.....	19,843,950	22,975,470	19,150,058	.....
October..	20,442,065	22,722,465	18,800,715	.....
Nov.....	20 957,258	22,375,030	18,687,464	.....
Dec.....	20,971,395	22,103,705	18,604,442	.....

SUMMARY OF STATEMENT.

Gross stocks	20,013,169 86
Sediment, etc	1,883,402 58
Net stocks	18,129,767 28
Liabilities.	
Outstanding acceptances, etc	16,526,000 00
Credit balances	1,603,767 28
Total liabilities	18,129,767 28
Receipts and Shipments.	
Runs from wells	1,390,893 99
Deliveries, regular	1,040,859 81

FRANKLIN PIPE LINE CO.

The following table shows the runs during each month for the past five years of heavy oil in the Franklin district:

MONTHLY RECEIPTS.

	1889.	1890.	1891.	1892.	1893.
Jan.....	5,002	4,516	6,685	4,008	3,716
Feb.....	5,086	4,731	5,197	5,267	3,814
March....	6,194	4,642	4,599	4,891	7,056
April.....	5,704	4,833	5,949	5,653	5,567
May.....	5,287	5,628	5,587	4,627	5,555
June.....	5,671	6,875	6,100	6,151	6,356
July.....	5,825	5,348	5,504	4,257	5,737
August..	4,906	5,627	4,635	4,811	4,932
Sept.....	5,841	6,249	6,178	4,119	....
Oct.....	4,794	6,267	4,873	4,791	....
Nov.....	5,005	6,226	4,723	6,166	....
Dec.....	6,531	6,846	5,159	3,710	....
Year....	65,866	67,788	65,189	58,490	....
Av'ge...	5,489	5,649	5,432	4,874	5,341

MONTHLY SHIPMENTS.

In the following table are given th monthly shipments from January 1, 1889, to date:

	1889.	1890.	1891.	1892.	1893.
Jan.....	7,430	2,440	7,393	2,892	5,525
Feb.....	1,417	3,698	1,364	3,773	2,006
March....	3,302	1,787	3,519	955	3,489
April.....	2,068	1,562	973	4,155	883
May.....	7,974	1,058	2,504	3,589	907
June.....	910	1,739	3,238	3,066	1,776
July.....	8,795	2,596	1,793	3,788	1,339
August..	4,740	2,613	6,175	3,357	1,651
Sept.....	10,074	2,680	10,797	7,761	....
Oct.....	7,701	10,185	18,911	3,776	....
Nov.....	2,403	13 683	13,628	15,510	....
Dec.....	13,565	13,720	10,237	12,021	....
Year....	70,379	57,761	80,532	64,042	....
Av'ge...	5,865	4,813	6,711	5,337	2,197

TOTAL NET STOCKS.

The total net stocks at the end of each month since January, 1889, were as follows:

	1889.	1890.	1891.	1892.	1893.
Jan.....	27,986	20,735	27,926	15,540	7,045
Feb.....	31,656	21,769	31,809	17,034	8,852
March....	34,547	24,633	30,456	20,969	12,419
April.....	38,183	27,894	38,946	22,467	17,104
May.....	35,497	32,465	42,031	23,505	21,751
June.....	40,258	37,600	44,894	26,590	26,331
July.....	37,288	40,352	48,604	27,060	30,729
August..	37,454	43,367	47,064	28,514	34,011
Sept.....	33,220	46,936	42,445	24,872	....
Oct.....	30,313	43,018	28,407	26,488	....
Nov.....	32,915	35,561	19,503	17,144	....
Dec.....	30,414	28,688	14,424	8,854	....

J. L. & D. S. RIKER
45 CEDAR STREET, NEW YORK
IMPORTERS AND MANUFACTURERS' AGENTS
SOLE AGENTS FOR THE UNITED STATES & CANADA
of THE UNITED ALKALI CO., Limited of Great Britain
FOR THE SALE OF THEIR VARIOUS BRANDS OF
Bleaching Powder

CRUDE DRUG DEPARTMENT

PARKE, DAVIS & CO., New York

Offices, 90, 92, 94, Maiden Lane. Warehouses, 9 & 11 Cedar St,

New Crop Italian Anise Seed

Good Bright Foenugreek Seed

New German Chamomile Flowers

Pure Lofoten Cod Liver Oil

Florentine Orris Root

New Crop Roman Chamomile Flowers

Imports and Exports.

Below we give a summary statement of the imports and exports of the United States for the seven months ending July 31, 1893, compiled by the Bureau of Statistics at Washington. We also give the same information for the corresponding period of 1892, in order that a comparison may be made between the two years:

IMPORTS OF MERCHANDISE.

FREE.		1893.	1892.
Asphaltum or bitumen, crude	tons	55,901	63,849
Alizarine, natural or extract of madder	lbs	2,946,036	2,759,753
Argol, or crude tartar, and argol dust	lbs	17,407,433	14,405,241
Barks, cinchona or other used in the manufacture of quinine	lbs	1,468,168	2,329,018
Cochineal	lbs	127,687	65,841
Logwood in sticks	tons	33,606	30,668
All other dyewoods	val	$141,719	$72,[illegible]71
Gum, arabic	lbs	746,493	304,378
Gum camphor, crude	lbs	896,094	1,292,361
Cutch and gambier	lbs	23,351,993	14,37[illegible],127
Shellac	lbs	3,388,929	3,016,422
All other gums and gum resins	val	$2,509,892	$2,025,315
Indigo	lbs	2,430,[illegible]65	2,506,567
Licorice root	lbs	67,790,798	51,268,129
Lime, chloride of, or bleaching powder	lbs	73,788,672	61,690,248
Mineral waters, all not artificial	gls	1,480,619	1,072,567
Opium, crude or unmanufactured	lbs	373,796	391,044
Potash, muriate of	lbs	40,748,339	35,577,019
Potash, nitrate of, or saltpeter, crude	lbs	10,774,453	6,993,794
Quinine, sulph. of, salts of and cinchonidia	oz	2,131,340	2,123,246
Soda, nitrate of	tons	71,181	56,648
Sulphur or brimstone, crude	tons	80,885	60,788
Vanilla beans	lbs	119,727	106,330
All other drugs, chemicals and dyes	val	$3,436,406	$2,655,666
Corkwood, or cork-bark, unmanufactured	val	$1,116,037	$929,353
Guano	tons	3,823	1,793
Phosphates, crude or native, for fertilizing purposes	tons	11,015	10,531
All other fertilizers	val	$525,267	$360,659
Oils, volatile or essential	lbs	29,226,004	19,933,224
	lbs	1,366,308	1,359,942
Plumbago	tons	11,338	6,782
Nutmegs	lbs	624,299	923,763
Pepper	lbs	11,334,816	8,316,007
All other spices	lbs	9,633,613	8,333,530
DUTIABLE.			
Bristles	lbs	868,249	919,560
Brushes	val	$463,155	$435,723
Cement	lbs	696,065,372	508,473,996
Coal-tar colors & dyes	val	$1,485,939	$1,055,043
Glycerine	lbs	9,703,790	8,036,841
Logwood and other dyewoods, extract and decoctions of	lbs	2,028,625	2,598,054
Opium, prepared	lbs	31,755	49,856
Sal soda / Soda ash	lbs	221,267,774	155,585,841
Soda, caustic	lbs	37,482,466	34,404,117
Soda, all other salts of	lbs	25,661,287	20,296,678
Sumac, ground	lbs	9,822,785	7,198,357
All other chemicals and drugs	val	$3,189,591	$2,777,295
Clay of all kinds, including china clay or kaolin	tons	47,385	42,278
Glass and Glassware;			
Bottles, vials, demijohns, carboys and jars, empty or filled	val	$450,833	$448,353
Cylinder, crown and common window, unpolished	lbs	30,053,665	42,590,516
Cylinder and crown, polished—			
Unsilvered	sq. ft	163,513	254,706
Silvered	sq. ft	2,724,166	2,328,012
Plate, fluted, rolled and rough	sq. ft	632,691	546,805
Unsilvered	sq. ft	2,425,312	1,600,071
Silvered	sq. ft	238,011	179,620
All other glass and glassware	val	$1,753,465	$2,206,038
Hops	lbs	1,527,215	1,431,388
Lead and manufactures of	val	$3,866,359	$2,125,770
Oils.			
Whale and fish	gls	633,987	94,945
Other animal	gls	36,729	9,260
Mineral	gls	438,885	692,181
Olive	gls	462,212	425,473
Other vegetable	gls	413,068	199,341
Volatile or essential	lbs	1,167,717	394,372
Paints and colors	val	$916,996	$803,522
Perfumery, cosmetics, etc.	val	$288,561	$275,690
Seeds, linseed or flaxseed	bush	96,108	46,794
Soap, fancy perfumed and all descriptions of toilet	lbs	432,793	492,272
All other kinds soap	val	$206,693	$206,731
Spices, n. e. specified	lbs	1,514,572	1,346,741
Sponges	val	$242,229	$227,[illegible]9

EXPORTS OF DOMESTIC MERCHANDISE.

Barks and extracts of, for tanning	val	$127,742	$137,819
Blacking	val	$140,611	$133,227
Candles	lbs	939,239	818,563
Acids	val	$55,360	$61,691
Ashes, pot and pearl	lbs	416,494	1,100,679
Dyes and dyestuffs	val	$424,251	$312,166
Ginseng	lbs	80,935	68,966
Medicines, patent or proprietary	val	$1,122,632	$1,083,195
Roots, herbs and barks, n. e. s.	val	$118,061	$98,815
All other chemicals, dyes and medicines	val	$1,904,622	$1,780,748
Fertilizers	ton	301,090	211,997
Window glass	val	$8,163	$7,673
All other glass	val	$579,580	$509,294
Glucose or grape sugar	lbs	81,268,896	71,153,046
Glue	lbs	447,274	253,839
Grease, grease scraps, and all soapstock	val	$569,621	$390,547
Gunpowder	lbs	510,822	782,986
All other explosives	val	$442,338	$433,814
Hops	lbs	6,224,244	2,941,151
Lead and manufactures	val	$294,778	$98,459
Matches	val	$44,417	$47,157
Rosin	bbls	1,132,414	1,233,559
Tar	bbls	14,823	15,024
Turpentine & pitch	bbls	5,244	5,293
Spirits turpentine	gls	6,421,653	6,773,367
Oil cake and oil cake meal	lbs	437,590,815	548,138,856
Lard	gls	208,610	547,380
Whale	gls	86,454	61,505
Other fish	gls	32,604	146,905
Other animal	gls	131,129	183,251
Mineral crude (including all natural oils without regard to gravity	gls	62,306,361	49,511,310
Mineral, refined or manufactured naphthas including all lighter products of distillation)	gls	7,063,544	6,068,726
Illuminating	gls	385,935,606	316,325,657
Lubricating and heavy paraffine oil	gls	17,768,407	19,535,223
Residuum (including tar and all others, from which the light bodies have been distilled)	bbls	10,872	6,383
Cottonseed	gls	4,614,757	8,395,284
Linseed	gls	89,067	58,045
Volatile or essential			
Peppermint	lbs	55,301	31,319
Other	val	$62,447	$35,913
All other vegetable oils	val	$95,713	$86,752
Paraffine and paraffine wax	lbs	52,594,198	36,324,651
Paint and painters' colors	val	$429,822	$382,235
Perfumery and cosmetics	val	$209,646	$201,638
Tallow	lbs	32,751,866	52,200,083
Oleomargarine oil	lbs	70,753,621	61,872,859
Quicksilver	lbs	36[illegible],382	169,158
Cottonseed	lbs	2,[illegible]07,451	6,830,782
Soap, toilet or fancy	val	$50,152	$53,044
Soap, other	lbs	11,129,982	15,062,606
Spermaceti and spermaceti wax	lbs	193,127	148,819
Alcohol	proof gls	124,754	1,088,031
Starch	lbs	14,068,748	16,664,044
Varnish	gls	143,932	130,173
Wax, bees'	lbs	75,966	44,364
Whalebone	lbs	139,353	39,612

EXPORTS OF FOREIGN MERCHANDISE.

FREE OF DUTY.

Dyewood	val	$7,719	.....
Gum Arabic	lbs	2,736	24,622
Gum camphor, crude	lbs	3,893	.....
Gum cutch and gambier	lbs	341,006	9,258
Gum shellac	lbs	38,070	121,116
All other gums and gum resins	val	$26,107	$1,275
Indigo	lbs	17,173	5,225
Mineral waters, all not artificial	gls	163	1,120
Quinia, sulphate of, salts of, and cinchonidia	ozs	.....	.....
Soda, nitrate of	tons	1,915	176
Sulphur or brimstone crude		15	.....
Vanilla beans	lbs	1,404	4,056
All other chemicals and drugs	val	$198,594	$101,325
Guano	tons	6	1
All other fertilizers	val	.....	.....
Oils, fixed or expressed	lbs	1,226,200	94,891
Oils, volatile or essential	lbs	3,176	4,719
Plumbago	tons	.....	77
Nutmegs	lbs	3,577	2,001
Pepper	lbs	238,303	315,347
All other spices	lbs	733,434	593,990
SUBJECT TO DUTY.			
Bristles	lbs	7,682	8,086
Brushes	val	$60	$1,563
Cement	lbs	4,006,989	4,108,568
Coal tar colors and dyes	val	$24,489	$11,884
Glycerine	lbs	.....	572
Logwood and other dyewoods, extracts and decoctions of	lbs	5,330	10,271
Opium prepared	lbs	.....	6
Soda, caustic	lbs	885,204	830,638
Sal soda / Soda, ash	lbs	92,326	13,887
Soda, all other salts of	lbs	37,304	35,583
Sumac, ground	lbs	500	1,073
All other chemicals and drugs	val	$53,512	$17,007
Glass and Glassware;			
Bottles, vials, demijohns, carboys and jars, empty or filled	val	$2,408	$799
Cylinder, crown and common window glass, unpolished	lbs	7,417	25,020
Cylinder and crown glass, polished, silvered	sq ft	.....	3,071
All other	val	$3,596	$5,189
Hops	lbs	60,471	93,599
Lead, and manufactures of	val	$3,055,537	$1,544,876
Oils:			
Whale and fish	gls	32,672	2,339
Other animal	gls	23,36[illegible]	15,419

New Pharmacopœia

Cloth, - - $2.50, delivered, $2.77

Leather, - - $3.00, delivered, $3.27

Leather interleaved, $4.00, delivered, $4.50

Those who want early copies should notify us at once as the book will be expressed or mailed, postage prepaid, as soon as it is ready in the same order in which remittances are received at this office.

Purchasers who wish to save the expense of delivery, can have the book sent to any jobber in this city, to pack with other goods. There will be no charge for delivery in this way.

In ordering mention the style preferred and send remittance with shipping directions to

BENJ. LILLARD, Manager, 72 William Street, New York City.

New York Quinine & Chemical Works, (LIMITED.)
114 William Street, New York.
MANUFACTURERS OF
Quinine Morphine
Acetanilid
ALOIN COCAINE SANTONINE, Etc.
Bi-Palatinoids
AND
Palatinoids

McKesson & Robbins
Sole Agents for the United States for the Sale of

EXALGINE
The New Analgesic
Less than 25 ozs.....$1.40 per oz.
25 oz. lots..... 1 30 "
100 oz. lots..... 1.25 "
500 oz. lots..... 1.20 "

DIURETIN-KNOLL
The New Diuretic
Less than 25 ozs.....$1.75 per oz.
25 oz. lots..... 1.65 "
100 oz. lots..... 1.55 "

ROSENGARTEN & SONS 12 Cold Street, New York.
MANUFACTURING CHEMISTS, Philadelphia
QUININE—Sulphate MORPHINE—Sulphate CODEINE
QUINIDINE " " Muriate " Muriate
CINCHONIDINE " " Acetate " Sulphate
CINCHONINE " " Pure Alkaloid " Phosphate
C. P. Acids, Tannin, Ether, Aqua Ammonia, Res. Iodine

C. F. BOEHRINGER & SOEHNE
MANUFACTURING CHEMISTS
MANNHEIM, Germany, and 15 Cedar Street, NEW YORK
SPECIALTIES;
Acetanilid Atropia Eserine
Sparteine Benzoic Acid Caffeine
Pilocarpine Terpinhydrate Carbolic acid
Chloral Hydrate Quinine Thymol
Salicylic Acid Mur. Cocaine Salicine Veratrine

FRANKFORT O-M. ZIMMER & CO. GERMANY
Offer to the trade their strictly prime
COCAINE
On spot and for future delivery, in quantities to suit, at lowest market quotations
Represented in
New York by Messrs. SCHULZE-BERGE & KOECHL, 79 Murray Street.
St. Louis by MOFFITT-WEST DRUG CO., Fourth Street & Lucas Ave.

We Offer on Spot
Cascara Sagrada Bark
Phosphoric Acid syrupy
Arrow Root St. Vincent
Coca Leaves Truxillo & Huanuco
Senega Root
Minnesota.
Buffalo Sanitary Fluid
A Soluble Carbolic Acid. The Ideal Disinfectant
Schoellkopf, Hartford & Maclagan L'td
3 Cedar Street, New York

DRUG MARKET.

Note—Our prices are for large lots except when otherwise specified, and buyers of small quantities must expect to pay an advance on these figures

Complete prices current will be found on pages 41 and 42

SATURDAY EVENING, September 16, 1898.

The results of business operations this week continue to disclose some gratifying features, the more prominent of which are the steady tone of prices, the increasing confidence manifested by the trade in the general outlook and the gradual revival of interest which is in progress among buyers. All of the conditions that usually accompany a prosperous market are giving indications of returning life and the fall season, it is anticipated, will not be disappointing to the trade. As a rule the wholesale men are securing full values on current business and the fluctuations which have transpired since our last, exhibit the advantage which sellers now enjoy in many important articles. The general tendency of quotations is towards an upward range, and further advances are noted in quinine and opium. Quicksilver is again higher, bleached shellac has been marked up and the manufacturers have made an addition to the quotations of bromides.

ADVANCED.	DECLINED.
Opium	Camphor
Quinine, 2d hands	Senega root
Quicksilver	Chicle
Caraway seed	
Bleached shellac	
Cassia buds	
Oil anise	
Bromides ammonium, potassium and sodium	

Opium.

The situation in the opium market continues to be prolific of interest, and since our preceding review quotations have received an additional impetus. Not only has the tone of the market improved since our last, but the inquiry has expanded and the resulting distribution of goods has been more active. During the week the jobbing demand has increased and about fifty cases have passed into consumption on orders of that character. Several transactions involving quantities of five to fifteen cases are reported as having been closed and the prices realized on such lots ranged from $2 65 at the opening business to $2 70@2 80 at the close. On jobbing lots and broken parcels the closing figures are $2 75@2 85. Powdered is held at $3 35@3 50, but some lots have been available this week at $3 30. This price, however, is expected to cease with the end of the present week.

Quinine

The market for quinine remains very firm and is rapidly working into a much better position. During the week sales amounting to about 80,000 ounces are reported, which went at the range of 18¾@19¾c on regular terms. The London market is active and an advance to 9@9¼d is cabled to-day. Outside holdings here are materially reduced, and even for cash 18¾c is the minimum for 10,000 ounce lots. The situation is strong and the tendency is upward. In our editorial department we consider the subject more in detail.

Miscellaneous.

Alcohol.—Telegraphic advices from the West this week give very strong intimations that the long expected withdrawal of the Whiskey Trust from co-operation with the American Distributing Company is about to become an accomplished fact. It is reported that an important and exciting conference of leading representatives of both interests took place during the week at Chicago, at which a committee of influential members of the Distributing Company set forth their grievances in very energetic style. They are contending, it is said, for closer relations and greater security than is afforded by existing arrangements with the Trust and it is further rumored that unless their demands are acceded to and satisfactory guarantees for the future are made, they will cease their affiliation with the Trust. In the event of such a disruption the alcohol market would doubtless decline rapidly and as additional developments are anticipated, the situation is becoming extremely interesting. As relates to the demand for alcohol, the week has evolved no specially new features, the distribution aggregating the usual quantity. The decline note in our last issue has not stimulated purchases at all, buyers continuing, as a rule, to take only such quantities as the consuming requirements call for. The current quotations are being observed by purchasers, and $2 18@2 22 are the prices exacted, on which the customary rebate is allowed. From Boston we hear of quotations at $2 07 for barrel quantities, net cash in ten days.

Wood Alcohol.—The distribution is progressing satisfactorily and prices are being steadily maintained. There are no large orders in the market, but the aggregate of current sales shows a large volume. We continue to quote 95%, $1 40; 97%, $1 45, and the best grades at $1 50@1 60.

Established 1794.
W. H. Schieffelin & Co.
New York,
WHOLESALE DRUGGISTS
And Manufacturers of
Standard Pharmaceutical Preparations
Including Fluid and Solid Extracts, Elixirs, Syrups, Ointments, and
Soluble Coated Pills, Comprising all the Officinal Pills of the Pharmacopœia. Unequalled in regard to Purity of Composition, Solubility of Coating, Uniformity of Size, and Perfection of Form and Finish.
OFFICE AND WAREROOMS:
Nos. 170 & 172 WILLIAM STREET.
LABORATORY AND DRUG MILLS:
400 & 402 Front Street and
697 & 699 Water Street.
Sole Agents for the United States for the
Farbenfabriken vorm. Friedr Bayer & Co.'s Pharmaceutical Specialties:
Phenacetine-Bayer,
Sulfonal-Bayer,
Aristol,
Europhen,
Salicylic Acid,
Salophen,
Trional,
Tetronal.
DESCRIPTIVE PAMPHLETS FURNISHED TO LITERATURE

OPIUM
Of All Grades From
10 Per Cent. Morphia
TO THE
HIGHEST TESTS IN STOCK
Our Own Direct Buying in Turkey.
Powdered Opium
14% Guaranteed Strictly Pure.
E. J. LAVINO & CO.
Philadelphia & Smyrna

POWDERED OPIUM
EDWARD HILL'S SON & CO.
25 & 27 Cedar St, N. Y.
Superior Powdered Opium Testing
15 per cent.

PHARMACEUTICAL SPECIALTIES

COCILLANA.—It gives us pleasure to announce to Druggists that although we have for two years been unable to obtain any stock of Cocillana we can now supply this Bolivian remedy, which experience has proved to be of marked therapeutic value in the inflammations of the respiratory organs, in Coryza, Bronchitis, Hay Asthma, Influenza, Pneumonia. It has also laxative and purgative qualities, and has been employed successfully as a substitute for Ipecac and Apomorphia in Catarrhal conditions.

Among the many methods of administering medicaments, the soluble elastic gelatin capsule is growing to be one of the most popular.

Of Extra Sixed Elastic Filled Gelatine Capsules, there are castor oil 3 1-2 to 15 grammes cod liver oil 2 1-2 to 15 grammes; male fern and castor oil; santonin and castor oil.

Emulsion of Cod Liver Oil. With Hypophosphites, is the perfection of an emulsion, pure fluid palatable, Each fluid ounce contains, Cod Liver Oil 4 fluid drachms, Hypophosphites of Lime, 8 grains; Hypophosphites of Soda, 4 grains; Gum Arabic, Sugar, Glycerine. water and carminatives.

Esencia de Calisaya is now well established as an agreeable stimulant febrifuge, and possesses all the medicinal virtues of Calisaya.

Weld's Syrup Iron Chloride has met with instantaneous favor. It is an entirely palatable syrup of officinal tincture iron chloride, combining all its virtues with none of its drawbacks.

Coca Cordial presents coca in a palatable form. The astringent and bitter constituents of the drug are rejected in its preparation, and it commends itself especially to the large class of persons of delicate nervous organization as a heart stimulant and invigorator.

Acid Phosphates, Liquid—A nerve and brain food; relieves symptoms of mental exhaustion, such as sleeplessness, melancholia etc.: is in considerable demand as a stimulating beverage, dispensed at the soda fountain in place of an alcohol stimulent.

Chlor-Anodyne—Is a combination of capsicum, morphine, chloroform, cannabis indica, oil of peppermint in serviceable and scientific proportions. It is serviceable in controlling the acute pain of colic and of diarrhœal disorders so prevalent during the hot months of summer.

Lime-Juice and Pepsin—Is a very agreeable and helpful tonic to be taken before meals. It corrects acidity and promotes digestion. Each fluid ounce contains one fluidrachm of pure lime-juice and 80 grains of saccharated pepsin U. S. P.

Anodyne Pine Expectorant and Bronchial Sedative are admirably adapted for expectorants and cough sedatives in Bronchitis, and for cough mixtures. These are put up in pint and half-gallon bottles. Among the newer remedies for cough and respiratory affections are: Grindelia Robusta, Quebracho, Myrtus Chekan, Yerba Santa, and Lippia Mexicana.

Glycerin Suppositories of our manufacture are guaranteed to contain 95 per cent. glycerin. We put them up in convenient packages for dispensing in bottles of one-half dozen and dozen.

We make a line of eligible antiseptics and disinfectants for internal and external use, including **Eucalyptus, and Thymol Antiseptic, Copper Arseniate Triturates, 1-100 and 1-500 grains; Tablets of Yellow Oxide of Mercury; Chloranodyne in ounce, 1-4, 1-2 and pint bottles; Antiseptic Liquid, Antiseptic Tablets, Disinfectant Powders, Sulphur Bricks and Ethereal Antiseptic Soap.**

We shall be pleased to forward, on request, any information desired concerning these products.

PARKE, DAVIS & CO.

Detroit, New York and Kansas City.

THURSTON & BRAIDICH
Importers, NEW YORK
CUMS ARABIC, SENEGAL, TRAGACANTH, VANILLA & TONKA BEANS, INSECT POWDER, COCOA BUTTER, NUTGALLS, OPIUM

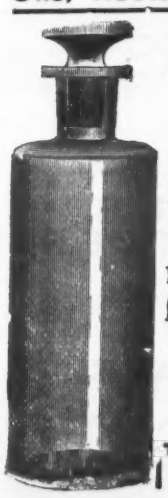
J. L. Hopkins & Co.
Importers of Crude Drugs
14 PLATT ST., NEW YORK.
Gums of all Varieties, Aloes of all Grades, Narcotic Herbs of all kinds, Alexandria & Tinnevelly Senna and all articles pertaining to the Crude DrugLine.

REFINED CAMPHOR
Phillips & Rumney Brands
Barrels, Cases (Squares in Paper).
GOULD COMMERCIAL CO
BOSTON, NEW YORK.

L. E. GREEN
MANUFACTURERS' BROKER
155 St. Clair St.,
CLEVELAND, OHIO.

JOHN J. THOMSEN'S SONS
16 & 18 W. German, and 22 W. Baltimore St
BALTIMORE, MD.
IMPORTER AND EXPORTER OF
DRUGS
AMERICAN INDIGENOUS
Oils, Roots, Barks, Herbs

ROGERS & PYATT
80 Maiden Lane, New York.
Manufacturers of
BLEACHED SHELLAC & SPIRIT VARNISHES



C. L. FLACCUS GLASS CO.
MANUFACTURERS OF
FLINT GLASS BOTTLES
—and—
PERFUMERS STOPPERED WARE
Special attention to private mould ware mould department for this purpose and designs furnished when desired
Write for Catalogue
Correspondence Solicited
WORKS TARENTUM PA
OFFICE 6th Ave. & Smithfield Av Pittsburg.

F. E. McALLISTER
Seed Merchant and Importer
22 Dey St., NEW YORK
Canary Rape and Hemp Seed, Mocking Bird Food, Mixed Bird Seed in cases, Bird Gravel, &c.

EXTRA REFINED CAMPHOR
TREFOIL BRAND
Compressed Blocks Made in Japan by the
JAPAN CAMPHOR CO,
CRIBBLE & NASH, Agents,
76 Broad St., New York.

Established 1840
BATTELLE & RENWICK
163 FRONT STREET, NEW YORK
MANUFACTURERS
Roll Brimstone
Flour Sulphur
Virgin Rock Brimstone
Refined Saltpetre
Crystals, Granulated and Powdered

BLACK BEESWAX
For stiffening Greases
W. H. BOWDLEAR & CO
BOSTON, MASS

BORAX
All Grades and Purest Quality
PRODUCED BY
Pacific Coast Borax Co.
and offered to the Trade at Lowest Figures in Quantities to Suit.
F. M. SMITH, SOLE AGENT San Francisco, and
48 Wall St., New York

D. PAPPAZOGLOU
Uniformity- OIL OF ROSE -Superiority
Sole Agents for the U. S. and Canada.
LEO. BERNARD & CO. 228 Pearl St., NEW YORK.

"AA" "CRYSTAL"
The Standard Brands
PURITY, EXCELLENCE, BRILLIANCY.
BAKER'S
CASTOR OIL
Quotations Cheerfully Furnished.
THE BAKER CASTOR OIL CO. H. J. BRAKER, Pres'dt W. D. FARIS, Sec'y. &Treas.
NEW YORK AGENCY, 93-97 William St.

SMITH, KLINE & FRENCH CO.
WHOLESALE DRUGGISTS
MANUFACTURERS, IMPORTERS and JOBBERS
PHILADELPHIA.

THEY ARE SIMPLY PERFECTION!
XXX BRAND
Machine Cut Corks
for the use of Manufacturing Pharmacists.
WRITE FOR QUOTATIONS
B. G. DODGE
LANCASTER, PA.

TYLER & FINCH
IMPORTERS
Dutch Carawav Seed
Mustard Seed, all kinds
Chamomile Flowers, all kinds
Senna and Buchu Leaves
Insect Powder, True
Vanilla Beans and Tonka Beans
Oils Lemon and Orange
54 CEDAR STREET, NEW YORK

NEW YORK SHELLAC CO.
229 PEARL STREET
DIRECT IMPORTERS
SPECIALTY IN
MEXICAN VANILLA BEAN
The Charles E. Miles Co., Philadelphia.

Borax.—The inquiry from channels of consumption shows a slight improvement as a result of the revival of operations in many of the industrial establishments throughout the country, but as yet the movement is comparatively light in volume and buyers are taking no more as a rule than they can find ready use for. Values continue steady and quotations range as follows: California refined 8@8¼c, city refined 8¼@8½c, concentrated 7½@8c, and powdered 8@8½c.

Bromides. — The manufacturers have advanced their prices on bromides to the following figures: Bromide potassium 35@36c, bromide sodium 40@41c, and bromide ammonium 45@46c,

Carbonate Ammonia.—The market is firm at former figures and the consumption is on the increase.

Castor Oil. — Manufacturers continue to report a favorable state of business and orders from jobbers are reaching the market with greater freedom than has been the case recently. Quotations are closely maintained at the following figures: In barrels 14½@15c and in cases 15@15½c, according to quantity.

Citric Acid.—While there is but little inquiry, manufacturers are still supporting their quotations firmly. In London the latest advices show an exceedingly strong situation there.

Cod Liver Oil.—Interior buyers are beginning to take an active interest in cod liver oil, and orders for goods are being freely placed. The prime grades especially are in request and several sales of five to ten barrels of these qualities have transpired this week. We quote the market firm at $18 75@22, as to brand and quantity.

Cuttle Bone.—The market is easy and current orders are limited as to size. As to grade of goods buyers are paying 11½@13c.

Menthol.—The market is very firm at the recent advance, available stocks being light and held in strong hands. Values range from $3 85@4 25, but there are few sellers at the inside figures.

Quicksuver.—The London market has appreciated and values here have responded, an advance being named by holders who are quoting 52@54c as the range to day. The market is firm, and the volume of current business is fair. The San Francisco market is quotable at $40 50 for fifty flask shipments and $51 for a less quantity. A year ago the price there was $41 50@43 50 and at the same time in 1891 at $55@56 50. The movement of stocks at the same port is given as follows: Receipts January, 1893, 2,260 flasks; February, 2 388 flasks; March, 1,588 flasks; April, 1,460 flasks; May, 2,389 flasks; June, 2,789 flasks; July, 2,014 flasks: August, 1,923 flasks: total since September 1st, 162 flasks; total since January 1st, 16'973 flasks. Corresponding period 1892, 14'100 flasks.

Sponges.—The general situation has not changed. Trade has improved a little, but the scarcity of certain lines of goods is a complaint of most dealers. Prices as given last week remain in force to-day.

Balsams

Copalba.—The requirements of consumers do not increase and the article remains more or less neglected. On current jobbing transactions the former range of prices is maintained.

Fir.—The advance noted last week in Canada balsam is being well supported and quotations below $3 have generally been withdrawn. The article seems to be difficult to obtain in primary sources.

Peru.—This market remains very dull and the light demands of the trade are being met at $1 30@1 50.

Tolu.—Although values are firm, business has not expanded beyond the usual jobbing proportions and goods in that way are available at 23@25c.

Barks.

The movement in barks has not been brisk and the orders in hand cover only the pressing wants of buyers. The chief exception to these remarks relates to orange peel, of which the consumption seems to have increased, and the demand is still moderately active within our range. Soap bark is selling at 4@4¼c, as to quantity, but the inquiry has subsided materially.

Beans.

Vanilla.—Transactions continue to reflect a fairly active consuming demand, and local prices are very firm on all grades. Arrivals of twenty five cases from Mexico are reported since our last. On Mexican beans, according to quality, the range is $5@13, and Bourbon command $3@9.

Tonka.—There are no novel features to chronicle this week, business retaining a quiet appearance and quotations being steady at our range. We hear of a negotiation involving about 5,000 lbs which will probably result in a sale in a day or two.

Berries.

Cubeb.—Values remain without improvement, and in view of the large stocks held abroad low prices will probably continue. We quote 20@30c, as to quality.

Juniper.—The demand has been satisfactory and numerous sales of five to ten bag lots brought up the aggregate to a large volume. Prices are firm at 1¾@2½c, according to quantity. Reports from Italy state that the crop there is a light one, offerings being limited and the tendency of values being in an upward direction, new berries in Leghorn being worth the parity of about $1 45 per cwt.

Essential Oils.

There are few important or interesting developments to note in connection with this department. The leading feature of the market consists of the steady prices which are prevailing for nearly every article in the list. The wants of buyers are as yet held in abeyance and no extensive lots are reported sold. Reports from the French producing districts continue to represent that the late drought there has seriously affected the crops of rosemary, thyme, lavender and analogous herbs, and consequently it is anticipated that the essences distilled from them will be held higher. As yet, however, the market bears no indication of a change in values.

Anise.—As a result of strong reports from abroad, holders here have advanced their views and are quoting to-day at the range of $1 40@1 50, as to quantity, but there are parcels still to be had at $1 37½. Business has been restricted to passing requirements only.

Caraway.—While transactions are limited to present needs, the market is firm for all grades, owing to the enhanced price of seed. We continue to quote $1 15@1 75 as the range for oil of the seed and 40@52c for chaff.

Cassia.—The situation is without change. Hong Kong advices represent values there as firm. Here a light trade is in progress at 75@85c.

Cubeb.—This oil is dull and prices continue depressed. Our previous quotations are still in force.

Rose.—This oil is exceptionally firm and the inquiry is active. For ordinary grades the trade exacts $7 75@8, and for special brands $8 25@8 75.

HEADQUARTERS
FOR
BALSAM COPAIBA,
CARDAMOMS,
CUBEB BERRIES,
ERGOT OF RYE
GUARANA,
IPECAC,
JALAP,
RHUBARB.
DODGE & OLCOTT
NEW YORK

Sassafras.—There have been inquiries for round lots, but no transactions of particular importance are reported. Prices are steady at 36@38c for natural, and 25@27c for artificial oil.

Spearmint.—Holders are realizing $1 75@2 50 on the light business now in progress, but some expectations of firmer prices are indulged in, owing to reported short crops in the interior,

Flowers.

Calendula.—A small jobbing inquiry for this article develsped during the week, but no important action can be noted. Sales are being made at 17½@18c.

Chamomile.—The distribution indicates continued interest on the part of consumers. We hear of a lot of 500 lbs new German flowers sold at 21c, and another of 1,000 lbs bringing 20c. The market range is 20@26c for the last crop German and 20@27c for Roman, as to quantity.

Insect.—The demand exhibits but little animation and prices are firmly supported at our range.

Koosso.—This article is held at 63@65c as to quantity, but the inquiry is momentarily quiet.

Saffron.—Some holders of American saffron are endeavoring to secure a small advance on prices and are said to be quoting at about 2c above recent figures, but this attempt is being nullified by other large holders who continue to offer freely at 25@30c.

Gums.

Arabic.—The demand relates almost exclusively to jobbing requirements but the aggregate of sales during the week indicates increased interest on the part of buyers. Of picked gums we are reported sales of twenty bales at full figures and sorts five bales at our range.

Asafoetida.—A firm market exists this week but beyond a few scattered cases the inquiry has not been productive of important results.

Camphor.—Manufacturers are now quoting at reduced prices and 46c in barrels and 47c in cases are the present figures. Second hands are offering at one cent under these figures. Japan compressed blocks are unchanged at 47@49c, as to quantity.

Chicle.—This article is lower in price and sales have been made down to 25c. We note the arrival of 304 bags this week from Mexican ports.

Tragacanth.—The situation does not improve as regards the demand, but the range of the market is steady at previous quotations.

Herbs and Leaves.

Cuchu.—Short leaves have met with a good jobbing distribution and current values are steadily supported at 13@16c.

Coca Leaves.—The demand is depressed. For Truxillo we are quoted 15c and Huanuco 30c on ordinary quantities.

Henbane.—This article is wanted moderately, but buyers are unwilling to negotiate for quantities and 6½@7c represents current values.

Senna.—Prime leaves are called for to a fair extent and local supplies of these grades are not excessive. On an inquiry for twenty-five bales Tinnevelly a leading house was obliged to pass the opportunity for lack of spot goods. Values for this description range from 6@20c and natural Alexandria 14@17c.

Roots.

Ginger.—The distribution on orderr for consumption has increased in volume, although values are without change.

Ipecac.—This article is momentarily neglected, but holders are showing no disposition to quote below $1 35@1 40.

Jalap.—A better movement is in progress but quotations do not rise above 21@25c.

Orris.—The market shows a lower tendency and orders may be placed at a fraction under last week's quotations. Reports from Italy show that the new crop is reaching the markets and that decreased prices are being accepted there by holders on both Florentine and Verona roots.

Sarsaparilla.—Supplies continue scant, and although the inquiry is not brisk quotations are firm at 9½@10c for Honduras.

Senega.—Prices have declined under freer offerings and lower quotations from the country, where sales have been made at 32½c for Minnesota root. We quote spot goods at 33@36c, as to kind and quantity.

Seeds.

Anise.—The market is steady and holders are finding no difficulty in upholding the current range. We are given sales of 25 bags new, Italian seed on private terms.

Canary.—The situation is dull, transactions being limited to small jobbing orders, which are being executed at 2½@2⅝c as to quantity.

(*Continued on page 34*)

DRUGS Chemicals AND Chemical Apparatus PLATINUM

FILTER PAPERS

Of all Grades and for all purposes

CHEMISTS' SUPPLIES

Strictly Chemically Pure Acids
Strictly Chemically Pure Chemicals
Superior Bohemian Glass
Superior German Porcelain
Superior Heating Apparatus
Superior Graduated Ware
Perfect Balances and Weights
Platinum Vessels and Salts
Selected Drugs, Chemicals and Pharmaceutical Preparations
All Testing Appliances and Reagents

OFFERED BY

Eimer & Amend

205, 207, 209 & 211 THIRD AVENUE,
NEW YORK

SOLE AGENTS FOR

Carl Zeiss' Microscopes, Objectives, Etc.
Schmidt & Haensch's Optical Goods, Polariscopes, Etc.
F. & M. Lautenschlaeger's Bacteriological Apparatus
Dr. C. Scheibler's Standard Sugar-Testing Instruments
Greiner & Friedrich's German Glassware
Carl Schleicher & Schuell's Chemically Pure Filter Paper
E. March's Soehne's German Chemical Stoneware
H. Fleitmann's Patent Wrought Nickelware
G. Kern & Sohn's German Balances and Weights
Prof. Jolly's Balances

AGENTS FOR

Royal Berlin Porcelain — Joseph Kavalier's Bohemian Glassware
F. Desmoutis, Lemaire & Co.'s Chemically Pure Hammered Platinum

QUININE

Sulphate and all Other Salts

"Brunswick-Mallinckrodt" Brand

Immediate or Forward Delivery,
Lowest Manufacturers' Prices,
Orders and Inquiries Solicited,

MALLINCKRODT CHEMICAL WORKS

New York

BRUNO COURT
CRASSE.

CH. CHRISTOFF
KEZANLIK

EXTRA SATUREE POMADES
HIGH CLASS ESSENTIAL OILS
Virgin OTTO ROSE
Silver Medal Paris Exposition 1889.

Agency and Depot:

T. T. Grossmith, 5 Cedar St., New York

ROGERS & PYATT
IMPORTERS,
78 & 80 Maiden Lane, New York

SHELLAC, all grades. VERDIGRIS, Pods, Gran. and Powd.
CARBOLIC ACID, CUDBEAR,
CHLORATE POTASH, English. MADDER,
COCOA BUTTER, RED ARGOLS,
GUM SANDARAC, GUM SENEGAL.

MANUFACTURERS OF BLEACHED SHELLAC. BEST QUALITY.

SOZIO & ANDRIOLI GRASSE
ESTABLISHED 1757.

Materials for Perfumers and Soap Makers

SPECIALTIES

No. 48 Pomades, Guaranteed Purely from Flowers. Highest Possible Saturation. Unequalled for Richness

Essential Oils

Neroly Bigarade, Geranium Twice Rectified o Rose Petals., Patchouly, Santal, Lavender Mont-Blanc, Thyme, Rosemary, Rose-Wood, Vetivert.

Makers of the Celebrated Orris Root Oil Crystalizing at + 15 Reaumur. and True Ambrette-Seed Oil

Represented in New York by

JOSEPH C. BUTLER CO. 281 Pearl Street

THE

UNITED ALKALI COMPANY

LIMITED.

G, EXCHANGE BUILDINGS. LIVERPOOL, ENGLAND.

Manufacturers of Sulphuric Acid

BROWN VITRIOL, RECTIFIED VITRIOL, MONOHYDRATE, HIGH TEST SULPHATE OF SODA OR SALT CAKE, in bulk, or ground and packed. HYDROCHLORIC ACID, Common or Purified, CHLORIDE OF CALCIUM.

Bleaching Powder

Chlorate of Potash, Soda & Baryta

SODA ASH, all strengths, by AMMONIA and LE BLANC PROCESSES, REFINED ALKALI, all strengths BICARBONATE OF SODA, high strength.

CRYSTAL CARBONATE

CAUSTIC SODA 60% to 77%

Caustic and Carbonate of Potash

SAL AMMONIAC, MURIATE OF AMMONIA
SULPHATE OF AMMONIA, SULPHATE OF ALUMINA.

FERTILIZERS

SALT, Common, White and Rock. CHROMIC ACID.

STRONTIA SALTS

OXIDE, HYDRATE, CARBONATE

MANGANATE OF SODA. PEROXIDE OF MANGANESE.
HYDRATED PEROXIDE OF MANGANESE for Gas Purification.

SILICATE SODA. B. S. COPPER. COPPER PRECIPITATE. PURPLE ORE.
S. S. PATENT RESIN. RESIN OIL.

SULPHUR

ROCK, ROLL, FLOWERS.

CHLORIDE OF IRON. CHLORIDE OF MAGNESIUM. ULTRAMARINE.
SULPHIDE OF SODIUM.

Original Package Prices.

From Importers and Manufacturers, for original packages and large lots. Prices often vary according to quality and holder. For broken lots higher prices are asked

Oils, Etc.

Vegetable Oils.

Linseed, City Raw, in bbls ⅌ gal.	37 @—
Boiled, in bbls	40 @—
Out of town on spot	36 @—
Calcutta, Raw, in bbls	— @62
Rapeseed, in bbls	60 @65
Mustard	61 @62
Cottonseed Crude Prime	31 @33
" " f.o.b. mills	28 @30
Crude off quality	28 @30
Yellow Summer Prime	39 @40
Yellow Summer, butter	42 @44
Yellow Summer off qual	36 @37
White Summer	43 @44
Yellow Winter	49 @51
White Winter	50 @52
Soap stock ⅌ lb.	1¼@ 1½
Olive ⅌ gal.	58 @60
Soap Stock ⅌ lb.	4¾@ 5
Palm, Prime	5½@ 5¾
Red oil	6 @ 6¼
Cocoanut, Domestic	— @—
Ceylon	5¼@ 5½
Cochin	6¼@ 6½
Cuban	— @—
Castor, No. 3	11¼@12
Poppy	85 @98
Rosin, First run ⅌ gal.	10 @—
Second run	11½@12
Third run	13½@14
Fourth run	16 @17

Animal and Fish Oils.

Whale, Natural winter ⅌ gal.	47 @48
Natural spring	46 @47
Bleached spring	49 @50
Bleached winter	50 @51
Extra bleached winter	52 @53
Sperm, Crude	70 @—
Natural winter	85 @ 87
Bleached winter	90 @ 92
Natural spring	79 @81
Bleached spring	84 @86
Sea elephant, Bleached winter	— @57
Unbleached winter	— @—
Seal, bleached winter, water white	— @55
Steam refined	47 @49
Lard, prime city	67 @ 68
Western prime	65 @68
Extra No. 1	50 @55
No. 1	— @—
No. 2	— @—
Menhaden, Prime crude	33 @35
Good merchantable	— @—
Brown strained	38 @39
Light strained	39 @—
Extra bleached winter	— @42
Winter white	— @46
Bleached winter	42 @—
Bleached spring	— @—
Bank	— @36
Straits	— @37
Herring	— @—
Cod, Domestic, prime	39 @40
Newfondland	42 @45
Black Fish, Crude	— @—
Natural	— @—
Bleached winter	— @—
Degras, English	2¾@ 3
Germam	2 @ 2¼
French	7½@ 8
Tallow, Prime	50 @55
Neatsfoot, Prime	65 @—
No. 1	58 @60
No. 2	50 @52
Elaine red	44 @48
Saponified red ⅌ lb.	4¼@ 4¾

Mineral Oils.

Paraffine, High viscosity ⅌ gal.	19 @25
23½@24 gravity	11 @12
25 gravity	9½@11
28 gravity	7½@ 7¾
30 gravity	7 @ 7½
32 gravity	6¾@ 7
Red paraffine No. 1	10 @10½
No. 2	@ 9½
Filtered spindle No. 1	20 @25
No. 2	14 @16
No. 3	13 @14
No. 4	11 @12
Neutral filtered, lemon, 33@34 grav.	12 @18
White, 33@34 gravity	20 @30
32@34 gravity, bloomless	12 @18
32 gravity, wool grade	9 @11
West Virginia, natural, 29 gravity	18 @20
Franklin, natural, 32 gravity	11 @15
Smith's Ferry, 33@34 gravity	7 @ 7½
Black reduced, 29 gravity, 25@30 c. t.	6¾@7½
29 gravity, 15 cold t't.	7 @ 8
29 gravity, zero	10 @11
Summer	5¾@ 6½
Cylinder, Light filtered	12 @16
Dark filtered	10 @13
Extra cold test	20 @24
Dark steam refined	7½@12

Oil Cake.

Calcutta cake, city ⅌ ton.	29 00@ —
City domestic	25 50@26 00
Western, in bags	25 50@26 00
Cottonseed cake at Memphis	—@ —
at New Orleans	25 00@25 50
at New York	25 00@25 50

Oil Meal.

State domestic meal ⅌ ton.	26 50@27 00
Cottonseed meal at Memphis	—@ —
at New Orleans	—@22 50

Wax, Candles, Lard, Tallow, Etc.

Paraffine wax, crude ⅌ lb.	3¾@ 4
refined 115 m. p.	— @ 6¼
120 "	— @ 6½
125 "	— @ 6¾
130 "	— @ 7½
135 "	— @ 8
140 "	10 @11½
Candles, Paraffine, 4s, 6s and 12s	8 @ 9½
Adamantine, 6s, 16 oz.	10 @11
14 oz.	9 @10
12 oz.	@ 9
12s, 16 oz.	11 @12
14 oz.	10 @11
12 oz.	9 @10
Patent sperm, 4s and 6s	— @40
Sperm, 4s and 6s	— @35
Stearic acid, solid	6 @ 8
cake	7 @ 9
Spermaceti, block	28 @29
cakes	30 @31
Lard	9 2[illegible] @—
Oleo stearine	11¼@—
Tallow	— @ 4¾

Paints, Varnishes, Etc.

White Lead, Zinc, Etc.

White lead, American dry ⅌ lb	5¾@ 6
in oil	6½@ 7¼
English in oil	— @ 8½
Litharge American powdered	6¾@ 7
English flake	9 @ 9½
Glassmakers'	5¼@ 5¾
Red lead, foreign	6½@ 6¾
American	6¾@ 7
Orange mineral, American	7½@ 8
English	7¾@ 8
French	10½@ 10¾
German	7½@ 8
China white	10½@12
Flake white	10½@12
Cremnitz white	15 @20
Zinc white, Paris, G. S., 50 bbls	9 less 4 ⅌ ct
G. S., 25 bbls	9 2 ⅌ ct
G. S., 10 bbls	9 1 ⅌ ct
R. S., 50 bbls	7¾ 4 ⅌ ct
R. S., 25 bbls	7¾ 2 ⅌ ct
R. S., 10 bbls	7¾ 1 ⅌ ct
Antwerp, RS, 50 bbls	6¾ 4 ⅌ ct
R. S., 25 bbls	6½ 2 ⅌ ct
R. S., 10 bbls	6½ 1 ⅌ ct
G. S., 50 bbls	7¼ 4 ⅌ ct
G. S., 25 bbls	7¼ 2 ⅌ ct
G. S., 10 bbls	7¼ 1 ⅌ ct
G. S. in poppy oil	11¼@11¾
R. S. in poppy oil	10¼@10¾
French in varnish	16 @20½
Florence	5¾@ 6
American extra, dry	4 @ 4¼
In oil	6¼@ 6¾
In varnish	14 @18¾
L. Z. O. German	6 @ 6½

Dry Colors.

BLACKS.

Carbon	8 @10
Drop, American	2½@ 4
English	5 @10
Ivory	5 @ 8
Lamp	3 @ 6

BLUES.

Celestial	5¾@ 8
Chinese	40 @45
Prussian	32 @35
Refiners'	60 @70
Soluble	45 @55
Ultramarine	7 @25
Verditer	25 @30

BROWNS.

Sienna, Italian, burnt & powdered	4 @ 5
burnt lumps ⅌ lb.	1¾@ 3½
raw, powdered	4½@ 5½
raw, lumps	1¾@ 3½
American, burnt & powder'd	1¼@ 1¾
raw	1¼@ 1¾
Spanish brown	¾@ 1
Umber, Turkey, burnt & powdered	2½@ 3½
burnt lumps	2¾@ 3
raw and powdered	2¼@ 3¾
raw, lumps	2¼@ 2¾
American, burnt	1¼@ 1½
raw	1¼@ 1½
Vandyke brown, German	3 @ 6
American	1¾@ 2½

GREENS.

Chrome, chemically pure	22 @26
extra	12 @13
super	9 @11½
common	6 @ 8
Paris, pure	10 @21
in pulp	10 @15
Verdigris, French	18 @25

REDS

Carmine, No. 40 ⅌ lb.	2 75 @2 85
Crocus martus, imported	2½@ 4
Standard Am'can	1 @ 2½
Indian red, Standard American	2 @ 3
English	4½@ 15
Rose pink, American	8 @ —
English	7½@ 9
Tuscan red, English	7 @ 10
Turkey red, English	9½@ 14
Venetian red, English, prime	1 25 @1 40
second quality	1 10 @1 15
American	70 @1 00
Vermilion, imported English	57 @ 59
Am. quicksilver, bulk	57 @ 59
Am. quicksilver, bags	58 @ 60
Chinese	85 @1 00
Trieste	90 @ 95
American	11½@ 12
Artificial	13 @

YELLOWS.

Chrome	10 @ 25
Ocher, Rochelle	1¼@ 1½
Washed Dutch	5 @ —
Washed French	1½@ 1¾
Washed Nat Oxford, lump	6½@ 6¾
Washed Nat Oxford, powd'r	7 @ 7½
Golden	3 @ 5
Domestic ⅌ ton	$12 @ 20

Miscellaneous.

Barytes, prime white ⅌ ton.	20 00 @21 00
foreign floated	22 00 @25 00
domestic floated	31 00 @32 00
off color	13 50 @18 00
crude, No. 1	9 00 @10 00
No. 2	8 00 @ 8 25
No. 3	7 75 @ 8 00
Blanc fixe ⅌ lb.	2¾@ 3
Bronze powder	— @ —
Brocades	45 @ 1 00
Chalk ⅌ ton.	1 75 @ 1 90
kiln dried ⅌ 100 lbs.	40 @ —
air dried	33 @ 35
Clay, China, imported ⅌ ton.	13 00 @18 00
domestic	9 00 @11 00
Cobalt oxide ⅌ lb.	1 65 @ 1 80
Feldspar ⅌ ton.	14 00 @20 00
Marble dust ⅌ bbl.	1 25 @ 1 50
Plaster	1 30 @ 1 50
dentists'	1 75 @ 2 00
Pumice stone, orig'al cks. ⅌ lb.	2 @ 2½
selected lumps in bbls.	3½@ 15
powdered pure, in bbls.	2 @ 2½
Putty, in bulk	1 60 @ 2 00
bladders	2¾
tins	@ 3½
Rotten stone, original c	4½@ 6½
Rotten stone, selected lumps	5½@ 15
powd'ed, in bbls.	3¾@ 8¼
Rubbing stone	3½@
Silex ⅌ ton.	13 00 @18 75
Smalt, German blue ⅌ lb.	15 @ 16
super black	— @ —
Talc, American ⅌ 100 lbs.	50 @ 1½
French	1¼@ 1½
Terra alba, American, No. 2	45 @ 50
English	65 @ 75
French	65 @ 75
Whiting, commercial	40 @ 45
gilders'	50 @ 55
extra gilders'	60 @ 65
American, Paris	70 @ 75
English cliffstone	1 10 @ 1 25

Glues.

Extra white ⅌ lb.	17 @25
Medium white	13 @15
Cabinet	12 @14
Low grade	8 @10
Foot stock, white	11 @14
brown	5½@ 8
Irish	11½@13½
French	10 @25
German hides	13½@16½
Common	8 @11

Metallic Paints.

Brown ⅌ ton.	20 00@24 00
Red	20 00@24 00

Colors in Oil.

Black, coach, Japan ⅌ lb.	18¾@20
in oil	12 @18
drop, American	7½@10
English	12½@14
ivory	8½@14½
lampblack, prime	27½@33
medium	19½@26
2d quality	18 @19
low grade	6½@10
Blue, Chinese	35 @40
Prussian	20 @45
ultramarine	12 @18
Brown, sienna, burnt	7 @12
raw	7 @12
umber, burnt	7 @11
raw	7 @11
Vandyke	7 @12½
Green, chrome	8 @14
Paris	16 @18½

Varnish Gums.

Asphaltum, Cuban, prime	4 @ 6
Egyptian	5¾@ 8
Copal, Sierra Leone, cleaned ⅌ lb.	50 @60
Zanzibar, bold white	70 @75
medium white	60 @65
bean and pea	40 @45
Manila, pale	17 @25
bright amber	13 @17
standard	9½@10½
Damar, Batavia	13½@17
Kauri, Standard	21 @22½
No. 2	— @15½
hard scraped	24 @26
light hard scraped	30 @34
picture quality	65 @70
pale and fine selected	45 @65
Sandarac	22 @23

Glass.

WINDOW GLASS.

SINGLE.

Prices per Fifty feet.

Sizes.			1st.	2d.	3d.	4th.
6x 8	to	10x15	$12 50	$10 75	$10 00	$ 9 50
11x14	to	16x24	14 50	12 75	12 00	11 00
18x22	to	20x30	19 00	16 50	15 00	14 25
15x36	to	24x30	20 50	17 50	15 50	.....
26x28	to	24x36	22 00	19 50	17 00	.....
26x36	to	26x44	23 50	20 50	17 50	.....
26x46	to	30x50	26 00	23 00	19 50	.....
30x52	to	30x54	27 00	24 00	20 50	.....
30x56	to	34x56	29 00	25 50	22 00	.....
34x58	to	34x60	30 00	27 00	25 00	.....
36x60	to	40x60	34 00	31 00	27 00	.....

DOUBLE.

Prices per Fifty feet.

Sizes.			1st.	2d.	3d.	4th.
6x	to	10x15	$17 00	$15 00	$14 00	$13 50
11x14	to	16x24	21 00	18 50	17 00	.....
18x22	to	20x30	26 50	23 50	21 00	.....
15x36	to	24x30	29 00	25 50	22 00	.....
26x28	to	24x36	31 50	27 50	24 00	.....
26x36	to	26x44	33 00	29 50	25 00	.....
26x46	to	30x50	36 00	32 00	27 00	.....
30x52	to	30x54	38 00	33 50	28 50	.....
30x56	to	34x56	40 00	35 00	31 00	.....
34x58	to	34x60	43 00	39 00	34 00	.....
36x60	to	40x60	47 00	43 00	35 00	.....

On the 70 in. bracket and above French is quoted $1 higher on single and $1 50 on double. Discounts on American, 80 & 10@80, 10 & 5. Discount on French S. & D., 75, 10 &5

Naval Stores.

Spirits turpentine ⅌ gal.	28 @ 28½
Rosin, Strained ⅌ bbl.	1 10 @—
Good strained	— @1 12
E	1 20 @1 25
F	1 45 @1 50
G	1 0 @1 60
H	1 60 @1 70
I	1 90 @—
K	— @2 50
M	2 70 @—
N	3 60 @—
Window glass	4 00 @—
W. W	4 25 @—

Drugs.

Opium.

Opium, natural (cases) ⅌ lb.	2 70 @2 80
as wanted	2 80 @2 87½
powdered	3 35 @3 50
Morphine American ⅌ oz.	2 00 @2 35
foreign	1 95 @2 20

Quinine.

Quinine, American ⅌ oz.	23 @ 29
Foreign (bulk)	18½@ 27
Cinchonidia, American	3½@ 4¼
foreign	2¾@ 3½
Quinidine	46 @ 53

Miscellaneous.

Acetanilid ⅌ lb	38 @ 50
Acid benzoic, German	48 @ 65
English ⅌ oz	7½@ 8
boracic purified ⅌ lb.	13 @ 13½
powdered	13½@ 14
Acid boracic, flaky ⅌ lb	11 @ 12
carbolic, pure crystals bot	22 @ 24
drums	@ 18
citric, domestic	45½@ 46
English	— @ —
salicylic, bulk & boxes	1 12 @ 1 17
Alcohol, 94 per ct. (less reb't) gal	2 18 @ 2 22
Independent, net	— @ —
refi'd wood, 95 p ct.	— @ 1 40
97 p ct.	— @ 1 45
purified	1 50 @ 1 60
Cologne spirits, 188 per cent	2 28 @ 2 32
Ambergris gray ⅌ oz.	27 50 @ 30 00
black	15 00 @17 00
Ammonia carb, foreign	8 @ 8½
Antimony	7 @ 10
Arrowroot, Bermuda	25 @ 34
St. Vincent, bbls&cns	9 @ 10
Jamaica	14 @ —
Bay rum imp. bulk ⅌ gal.	2 30 @ 2 35
Borax, refined city, bbls. ⅌ lb.	8¼@ 8½
Cal car loads and bbls	8 @ 8¼
concentrated	7½@ 8
powdered	8 @ 8¾
Bromine	38 @ 42
Burgundy pitch	2½@ 3
Cacao butter	33 @ 35
Calomel, domestic	71 @ —
English	— @ —
Cantharides, Russian	70 @ 75
powdered	85 @ 90
Chinese	30 @ 35
powdered	40 @ 45
Chalk, Precipitated Eng. bk	4 @ 6
bbls	5½@ 7
Chloroform ⅌ lb.	50 @ 52
Chloral hydrate, crystals	1 10 @ —
crusts	1 05 @ —
Cocaine muriate ⅌ oz.	5 40 @ 5 65
Colocynth apples, Trieste	25 @ 37
pressed	— @ —
Spanish	21 @ 24
Corrosive sublimate ⅌ lb	— @ 2
Cuttlefish bone, Trieste	11½@ 18
Dragon's blood mass	20 @ 25
reeds	45 @ 48
Epsom salts, per 100 lbs	1 25 @ 1 35
Ergot, Spanish ⅌ lb.	40 @ 50
powdered	65 @ 75
German	36 @ 38
powdered	50 @ 55
Gelatine, English	50 @ 60
French	30 @ 38
American	30 @ 38
Glucose	2¾@ 3
Grape sugar	2¾@ 3
Glycerine, German, refined	— @ 20
Am. ref'd, dms&bbls.	13½@ 15
Guarana, whole	1 05 @ 1 10
powdered	1 20 @ 1 25
Iceland moss	4½@ 5½
Insect powder	16 @ 24
Iodine, re-sublimed	3 45 @ 3 50
Irish moss, American	6 @ 9
imported, cleaned	6½@ 15
Isinglass, Russian	3 75 @ 4 00
American ordinary	40 @ 50
prime	— @ —
Licorice paste, domestic	8 @ 15
stick, domestic	17 @ 24
foreign	28 @ 29
Lupulin, American	— @ —
German	60 @ 2 00
Lycopodium, prime	51 @ 58
Manna, large flake	1 25 @ 1 35
small flake	42 @ 45
sorts	38 @ 40
Menthol	3 85 @ 4 25
Musk, true grain ⅌ oz	11 00 @32 00
pods	5 50 @23 00
Canton grains	20 @ 1 00
Naphthaline, ball	4½@ 5
flake	3½@ 4
Nitrate barium ⅌ lb.	6¾@ 7
strontia	8¼@ 8½
silver	48 @ 49½
Nux vomica, pockets	3 @ 3½
Oil, Almond, sweet ⅌ gal.	21 @ 25
Castor, city, bbls & cas. ⅌ bbl	14½@ 15½
Cod liver, Norwegian, ⅌ bbl	19 00 @22 00
Newf'land ⅌ gal.	55 @ 60
Myrbane, American ⅌ lb.	15½@ 18
English	16 @ 18
Olive, virgin ⅌ gal.	1 45 @ 1 75
Sesame, bbls	63 @ 70
Phosphorus ⅌ lb	51 @ 52
Precip, red	81 @ —
white	88 @
Potassium bromide, bulk	35 @ 36
glass	— @ —
cyanide, blk.	52 @ 56
iodide, bulk	2 75 @ 2 80
glass	2 83 @ 2 88
Quicksilver	52 @ 54
Rochelle salts	20 @ 21
Sago, pearl	3½@ 4¼
flour	3½@ 4
Salicine	1 50 @ 1 60
Soap, Castile white	9½@ 10½
green, pure	6½@ 10
mottled ordinary	4½@ 5
pure	6¼@ 6¾
Sugar of milk, cob	22 @ 28
powdered dom.	12 @ 14
Dutch	21½@ 22
Swiss	18 @ 25
Sulphur, roll	1½@ 2¼
flowers	1¾@ 2
Strychnine ⅌ oz	1 15 @ 1 20
Tamarinds, West Indian	7 @ 10
East Indian	1 25 @ 2 25
Venice turpentine ⅌ lb	18 @ 20
Wax, Bees, Southern	28 @ 30
State	26 @ 28
white, pure	38 @ 50
Japan	8¼@ 8¾
Carnauba	10 @ 17½
Ceresin	— @ 11

Balsams.

Copaiba, Angostura ⅌ lb	— @ —
Para	38 @ 40
Central American	33 @ 35
Fir Canada ⅌ gal	2 75 @ 3 00
Oregon	75 @ 85
Peru ⅌ lb	1 30 @ 1 60
Tolu	23 @ 25

Barks.

Angostura ⅌ lb	5¾@ 6
Bayberry	3 @ 4
Buckthorn	7½@ 8
Cascara sagrada	7 @ 7½
Cascarilla	6 @ 8
Canella	6 @ 7
Cinchona, red	18 @ 5
yellow	7 @ 17
Loxa	1[illegible] @ 20
[illegible]	25 @ —

Elm, common	℔ lb.	8 @ 9
selected		10 @ 12
Oak, white		3½@ 4
red		3½@ 4
Orange peel, West Indian		4½@ 5
Malaga, prime		6½@ 7½
Curacoa		4½@ 5
Prickly ash		7 @ 9
Pomegranate (of root)		14 @ 20
Quebracho		— @ 25
Sassafras		6½@ 7
Simaruba		— @ 20
Soap, whole		4 @ 4½
crushed		4½@ 4½

Beans.

Calabar	℔ lb.	12 @ 14
St. Ignatius		20 @ 25
Tonka, Angostura		1 75 @ 2 00
Surinams		75 @ 80
Para		40 @ 55
Vanilla, Mexican		5 00 @13 00
Bourbon		3 00 @ 9 00

Berries.

Cubeb	℔ lb	20 @ 30
powdered		35 @ 45
Juniper		1½@ 2½
Fish (Cocculus Ind)		3½@ 4½
Laurel		3 @ 4
Prickly ash		17 @ 20

Essential Oils.

Anise	℔ lb	1 40 @ 1 45
Almond (bitter)		3 00 @ 7 50
Bay		3 25 @ 4 00
Bergamot		2 20 @ 2 70
Cajeput		45 @ 50
Camphor		6½@ 8
Caraway seed		1 15 @ 1 75
chaff		40 @ 52
Cassia		75 @ 85
Citronella		27 @ 28
Clove, stem		55 @ 60
bud		60 @ 65
Copaiba		75 @ 85
Croton		75 @ —
Cubebs		2 25 @ 2 50
Eucalyptus		1 00 @ 1 25
Fennel		80 @ 85
seed		1 40 @ 1 50
Geranium, Turkish		4 00 @ 5 00
rose, French		6 50 @ 7 50
Gingergrass		2 00 @ 2 25
Juniper, once rectified		1 00 @ —
twice rectified		1 50 @ 2 00
wood		35 @ 40
Lavender, garden		40 @ 70
flowers		1 40 @ 1 90
Lemon, pure		1 [illegible]5 @ 1 90
Lemongrass		80 @ 85
Neroli, Petale		35 00 @45 00
bigarade		30 00 @32 00
Portugal		22 00 @25 00
Nutmeg		1 75 @ 2 50
Orange, sweet		1 80 @ 2 00
bitter		4 50 @ 5 25
Origanum		42 @ 80
Peppermint, tin cans		2 40 @ 2 60
cases		2 65 @ 2 75
Pennyroyal		1 35 @ 1 [illegible]0
Rose	℔ oz	7 75 @ 8 00
special brands		8 25 @ 8 75
Rosemary, Trieste	℔ lb	55 @ —
French		40 @ 70
flowers		80 @ 1 10
Sandalwood		2 00 @ 6 00
Sassafras		36 @ 38
artificial		25 @ 27
Spearmint		1 75 @ 2 50
Tansy		2 10 @ 2 25
Thyme, red		80 @ 1 00
white		90 @ 1 10
Wintergreen		1 67½@ 1 70
artificial		1 20 @ 1 25
Wormseed		1 20 @ 1 50
Wormwood		2 25 @ 2 75

Flowers.

Arnica	℔ lb	11 @ 12½
Chamomile, German, new		20 @ 26
old		15 @ 20
Roman, new		20 @ 25
old		14 @ 20
Insect		13 @ 20
Lavender		2½@ 8
Rosemary		15 @ 20
Saffron, American		25 @ 30
Alicante		5 00 @ 5 50
Valencia		6 75 @ 7 25

Gums.

Aloes, Cape	℔ lb	5½@ 6½
Barbadoes		6 @ 11
Curacoa		2½@ 3
Socotrine		27 @ 38
powdered		18 @ 32
Arabic, 1st picked		55 @ 60
2d picked		33 @ 35
3d picked		24 @ 27
4th picked		18 @ 20
Sorts		14 @ 16
Siftings		7 @ 10
Asafœtida		12 @ 28
Benzoin		10 @ 45
Camphor, refined, bbls		— @ 46
in cases		— @ 47
Japan compressed blocks		47 @ 49
Chicle		28 @ 30
Euphorbium		15 @ 25
Gamboge, pipe and block		55 @ 65
Gedda, siftings		18 @ 20
sorts		— @ —
Guaiac		17½@ 25
Kino		75 @ 1 00
powdered		— @ 1 10
Mastic		60 @ 70
Myrrh		20 @ 22
Olibanum, tears		11 @ 14
sorts		5½@ 6
Sandarac		22 @ 26
Scammony, Aleppo		2 50 @ 3 00
Virgin		6 50 @ 8 00
Senegal, picked		14 @ 24
sorts		9½@ 10
Tragacanth, Aleppo, 1st flake		59 @ 61
2d flake		48 @ 52
3d flake		40 @ 45
4th flake		— @ —
Turkey, 1st flake		75 @ 80
2d flake		60 @ 65
3d flake		52½@ 57

Herbs and Leaves.

Aconite	℔ lb	10 @ 11
Althæa		6 @ 8
Belladonna		10 @ 13
Buchu, short		13 @ 16
long		40 @ 65
Coca		15 @ 25
Damiana		27 @ 30
Digitalis		8 @ 12
Eucalyptus		3½@ 4½
Grindelia robusta		9 @ 9½
Henbane (hyoscyamus)		6½@ 7
Horehound		5½@ 6
Indian hemp (Cannabis Indica)		10 @ 12
Jaborandi	℔ lb.	45 @ 55
Laurel		3½@ 4½
Lobelia		6 @ 7
Matico		12 @ 18
Marjoram, German		13 @ 15
French		10 @ 12
Prince's pine		6 @ 8
Rose, red		65 @ 80
pale		20 @ 22
Rosemary		3 @ 4
Sage, Italian, picked		6 @ 6½
ordinary		5 @ 5½
Senna, Alex. nat		14 @ 17
siftings		6 @ 11
garbled and sifted		18 @ 28
Tinnevelly		6 @ 10
Stramonium		6½@ 7½
Thyme		6½@ 4
Uva Ursi		4½@ 6
Yerba Santa		7 @ 10

Roots.

Aconite	℔ lb	9 @ 12
Alkanet		6½@ 8
Althea, whole		10 @ 14
cut		15 @ 18
Angelica, German		— @ —
American		— @ 16
Arnica		12 @ 15
Belladonna		8 @ 13
Blood		4½@ 6
Burdock		6½@ 7½
Calamus bleached		22 @ 25
unble'd, split & peeled		6½@ 7
Canada snake, select		20 @ 22
Colchicum		12 @ 18
Colombo		6½@ 10
Culvers		12 @ 14
Dandelion, German		7½@ 9
American cut		8½@ 10
Elecampane		4½@ 5
Galangal		4½@ 5
Gentian		3½@ 4
Ginseng		2 00 @ 2 75
Ginger, Jamaica, unbleached		14 @ 15
American, bleached		16 @ 17
Golden seal		20 @ 22
Hellebore, white, powdered		7 @ 7½
whole		5 @ 5½
Ipecac, Rio		1 35 @ 1 40
Jalap		21 @ 25
Kava Kava		25 @ 28
Lady slipper		15 @ 20
Licorice, ordinary		4 @ 4½
selected, in bdls		10 @ 17
powdered		6 @ 12
Lovage, American		30 @ 40
German		50 @ 60
Mandrake		3½@ 3½
Orris, Florentine		23 @ 27
finger		1 25 @ 1 30
Verona		12 @ 16
Pareira brava		7 @ 10
Pellitory		18 @ 19
Pink		22 @ 35
Rhatany		7½@ 9
Rhubarb, whole		25 @ 70
chips		30 @ 40
cut		45 @ 1 75
powdered		24 @ 70
Sarsaparilla, Honduras		29 @ 42½
Mexican		9½@ 10
American		11 @ 13
Senega, Southern		40 @ 45
Western		33 @ 36
Serpentaria		21 @ 24
Stillingia		4½@ 5
Squills, ordinary		4 @ 5
white, prime		5 @ 5½
Valerian, German		10 @ 16
Belgian		8½@ 8½
English		22 @ 25
Vermont		14 @ 16
Yellow dock		6 @ 6½

Seeds.

Anise, Italian	℔ lb	9 @ 9½
Russian		— @ 7
star		20 @ 23
Canary, Sicily		3½@ 3½
Smyrna		2½@ 2½
Spanish		3½@ 4
Caraway, Dutch		7 @ 7½
German		— @ 5
Cardamom, Alleppey		48 @ 75
Malabar		68 @ 80
Mangalore		65 @ 40
Celery		11 @ 11½
Colchicum		13 @ 15
Coriander, English		3½@ 3½
French		3 @ 3½
German		2½@ 3½
Cummin		9½@ 10½
Fennel, German		6½@ 7
Flaxseed	℔ bbl	5 00 @ 5 25
ground		— @ 2½
Fœnugreek		2½@ 3½
Guinea grains		7½@ 8
Hemp Russian		2½@ 3
Smyrna		— @ —
Lobelia		18 @ 20
Millet, domestic	℔ bush	1 10 @ —
foreign	℔ lb	1½@ 1½
Mustard, California yellow		5½@ 6
brown		4 @ 4½
Dutch		6 @ 6½
English		7 @ 8
Trieste brown		5½@ 6
Poppy, blue		7½@ 7½
Quince, German		35 @ 40
Russian		— @ —
Rape, English		3½@ 4
German		3½@ 3½
Sabadilla, whole		1 35 @ 1 45
powdered		1 60 @ 1 80

Shellac.

D. C.	℔ lb	36 @ 37
Cetagon B. and similar grades		30 @ 31
V. S. O.		30 @ 31
Diamond I		29½@ 30
S. S.		29 @ 30
T. N. Superior		26½@ 27
Ordinary		26 @ —
Garnet, A. O		24 @ 24½
Button		31 @ 33
Stiticas		29 @ 30
Bleached		30 @ 31

Spices.

Cassia, Batavia	℔ lb.	8½@ 9
China		6½@ 6½
Saigon, rolls		28 @28½
broken		27½@33
buds		18 @18½
Cloves, prime Zanzibar		5½@ 6
Amboyna		13 @15
stems		3 @ 3½
Ginger, African		12 @12½
Calcutta		— @12
Cochin		13½@14½
Mace, Batavia		45 @50
Banda		48 @50
Penang		45½@46½
Nutmegs 110's		42 @43
Pepper, Singapore		6 @ 6½
West Coast		5½@ 6
Acheen, prime		5½@ 5½
Penang, White		8 @ 8½
Singapore, white		9½@10
red, Zanzibar		13 @14
Bombay		7 @ [illegible]
Pimento prime		5 @5½

Chemicals.

Heavy Chemicals.

Alkali, 48 ℔ cent., Solvay		1 10 @1 15
refined, high test		97½@1 10
Bleach, over 35 ℔ cent		2 00 @2 50
Salt cake		55 @ 60
Soda ash, carb. 48 ℔ cent		1 75 @1 80
high test		1 20 @1 25
Caustic 48 ℔ cent		1 48 @1 50
Newcastle, 48 ℔ cent		— @—
high test		— @—
Soda bicarb, English		3 00 @3 25
American		2 75 @3 25
crystal carbonate		1 95 @2 15
caustic, 60 ℔ cent		3 05 @3 20
70 ℔ cent		2 80 @2 90
74 ℔ cent		2 82½@2 92½
76 ℔ cent		2 90 @3 00
Sal, English		97½@1 05
American		95 @1 00

Acids.

Acid, acetic		1 87½@2 25
chemically pure		18 @ 19
oxalic		6½@ 6½
sulphuric, 60 deg		70 @ 90
66 deg		75 @1 25
bulk 50 deg		3 00 @3 50
muriatic, 16 deg		75 @ 90
18 deg		85 @ 95
20 deg		1 @ 1½
22 deg		1 @ 1½
nitric, 36 deg		3½@ 4½
38 deg		3½@ 4½
40 deg		4 @ 4½
42 deg		4½@ 5½
tartaric, crystals		22½@ —
powdered		23 @ —

Ammonias Potashes and Fertilizing Chemicals.

Ashes, pot, 1st sorts	℔ lb.	4½@ 5
pearl		6 @ 6½
Potash, chlorate, English		15 @ 15½
powdered		15 @ 15½
carb		4 @ 4½
caustic		6 @ 7
cyanide, fused		39 @ 40
bi m'ure salt 48@53 ℔ cent		1 12 @1 17
sulph of, basis 90@98 ℔ ct		2 08 @2 13
Kainit, 23 ℔ cent. S of P.	℔ ton	8 50 @9 75
Sylvinit, 27@35 ℔ ct. S.F.P.	℔ unit	40 @ 42½
Aqua am'ia (in cbys) 16 ℔ ct	℔ lb	4 @ 5
18 deg		3 @ 4
20 deg		4 @ 5
26 deg		4½@ 5
Ammonia, sal. grey		5½@ 6
granulated		6 @ 6½
lump		8½@ 9
sulphate		3 10 @3 20
Potash muriate, ℔ 100 lb		1 78 @2 00
AMMONIATES, ETC.:		
Azotine, ℔ unit		2 05 @2 10
Blood, dried, red. ℔ unit, high		2 0 @2 05
low grade. ℔ unit		2 10 @2 15
Concentrated tankage. ℔ unit		2 30 @2 35
Bones, rough, ℔ ton		19 00 @20 00
ground. ℔ ton		22 00 @22 50
Bone Meal		23 00 @23 50
Bone black, refuse		19 00 @20 00
Fish guano, dried		24 00 @ ——
acidulated		14 00 @ ——
Phosphate rock, f. o. b. Char'n		4 50 @5 00
f. o. b. Peace River		4 50 @5 00
f. o. b. Baltimore		6 25 @6 50
ground		8 00 @8 75
Acid phosphate, 14 ℔ cent		60 @ 62½

Miscellaneous.

Acetate of lime, gray	lb.	1½@ 1½
brown		90 @ 95
Alum, lump		1 75 @1 80
ground		1 85 @1 90
porous		2 70 @2 80
Arsenic white		3 25 @3 60
red		6½@ 6½
Brimstone crude, 2 ds	℔ ton.	16 85@18 00
3ds		16 00@17 00
Cream tartar, crystals, p c	lb.	18½@ —
powdered, 99 p c		19 @ —
Chloride of calcium		85 @1 25
Glauber salts		75 @1 00
Nitrate of lead		9 @ 10
soda		1 75 @1 95
Chlorate of soda		18½@ 19
Sugar lead, brown		5½@ 6
white		10½@ 11
Saltpeter, crude		3½@ 3½
refined		5 @ 5½
Vitriol, blue		3 25 @ 3 50

Dyestuffs

Acid, picric, best crystals	℔ lb.	28 @ 35
tannic		45 @ 50
Acetate of soda		7 @ 10
Albumen prime egg		60 @ 65
imported blood		14½@ 18
domestic blood		17 @ 18
No. 1½ blood		12½@ 15
Annatto		10 @ 25
seed		4 @ 7
Antimony, oximuriate		4 @ 6
Salt		20 @ 35
Tartar emetic		28 @ 32
Archil weed		7 @ 15
Aurine		88 @ —
Barbary root, cut		4 @ —
Bichromate of potash, Scotch		10½@ 11
American		10½@ 11
Bichromate of soda		9½@ 10
Carmine of indigo		50 @ 75
Cochineal, Teneriffe silver		24 @ 27
black		25 @ 28
gray black		25 @ 29
ammoniac		— @ 37
Copperas		90 @1 00
Cudbear, French		12 @ —
concentrated		25 @ —
English		12 @ 30
Cutch, slabs		8½@ 9
bag		4½@ 4½
Dextrine Imp		5½@ 6
Dom		6 @ 6½
Divi divi	℔ ton.	50 00 @66 00
Fullers earth, lump	℔ ton.	20 00 @25 00
powdered		27 50 @30 00
Flavine	lb.	28 @ 35
Fustic stick	℔ ton.	18 00 @22 00
Gambier	℔ lb.	3½@ 4½
Garancine		8½@ 8½
Indigo, Bengal, low grade		1 25 @ 1 30
medium		1 30 @ 1 50
high grade		1 75 @ 2 00
Caracas		— @ —
Kurpahs		1 10 @ 1 40
Gautemalas		1 00 @ 1 25
Manila		65 @ 75
Madras		45 @ 50
Indigotine		1 50 @ 2 50
Logwood stick	℔ ton.	38 00 @40 00
Madder, Dutch	℔ lb.	10 @ 15
French		9 @ 9½
Myrabolans		1½@ 2½
Muriate of tin		@ 18
Nitrate of iron, commercial		1 10 @ 2
true		3½@ 4½
Nutgalls, blue Aleppo		13½@ 14
Chinese		13 @ 13½
Persian berries		10 @ 12
Prussiate of potash, Am. yel		21 @ 22
red		40 @ 45
Scotch yel		21 @ 22
red		40 @ 45
Ger yel		21 @ 22
red		42 @ 43
Prussiate of soda		23 @ 24

Phosphate of soda		4½@
Quercitron	℔ ton	21 50 @25 00
Sago flour		4 @ 4½
Salts of tartar		6½@
Soluble oil		6½@
Sumac, Sicily prime	℔ ton	65 00 @70 00
Virginia		43 00 @45 00
Starch, corn	℔ b.	2½@ 3½
potato		5 @ 5½
wheat		5½@ 5½
Stannate of soda, 50, soluble		9½@ 15
40, soluble		½@ 13
25, soluble		6½@ 9
Tin crystals		—@ 15
Turmeric root, Coringa		6½@ 7
Bengal		— @ 5
Vanadiate ammonium	℔ oz	75 @ 85
Wood, English	℔ lb	9 @ 10
COAL TAR COLORS:		
Alizarine		17 @ 18
Aniline oil		14 @ 14½
salt, crystals		13 @ 13½
Bismarck brown		45 @ 1 00
Eosine		1 00 @ 2 50
Fast red		35 @ 55
Fast yellow—acid		65 @ 1 80
Fuchsine crystals		75 @ 1 60
Methylene blues		1 25 @ 2 50
Nicholson (alkali) blue, 3B		2 10 @ 3 00
6B		3 75 @ 4 00
red shade		2 00 @ 2 25
Nigrosine		1 00 @ 1 25
Orange		25 @ 60
Safranine		1 00 @ 2 50
Scarlet R		25 @ 75
RR		50 @ 75
RRR		35 @ 75
Soluble blue—green shade		2 50 @ 3 55
Violet—2R		1 25 @ 2 00
2B		1 00 @ 1 25
3B		1 00 @ 1
CHIPPED DYEWOODS, ETC.:		
Barwood	℔ lb	2 @ 2½
Camwood		6½@ 8
Fustic, Jamaica		1½@ 1½
Cuban		1½@ 1½
Green ebony		3 @ 3½
Hypernic		3½@ 4½
Logwood, Campeachy		1½@ 2½
Nicwood		2 @ 3
Peachwood		3½@ 3½
Redwood		@ 3
Red sanders		— @ 3
EXTRACTS:		
Archil	℔ lb	10 @ 17½
concentrated		18 @ 28
Barberry, French		26 @ 30
Chestnut		3½@ 4½
oak		2½@ 3½
hemlock		3½@ 4½
Fustic, solid		9½@ 11
liquid, 51 deg		7½@ 11
Indigo extract		7½@ 15
Logwood, solid		8½@ 15
liquid, 51 deg		5 @ 10
42 deg		4½@ 6
Sumac		5 @ 8

Comparative Prices.

On Sept. 14, in 1890 1891 and 1892.

CHEMICALS.	1892	1891	1890
Bleaching powder	4	2 00	1 47
Brimstone, 3ds	$23 25	$20 00	$21 50
Caustic soda, 70%	2 95	3 00	3 15
Caustic soda, 60%	3 15	3 20	3 12½
Sal soda, Am	1 02½	1 05	1 10
Soda ash, 48% carb	1 60	1 55	1 50
Soda ash, 48% caustic	1 95	1 55	1 45
Soda ash, 48-53% N. G.	—	—	1 45
Soda alkali, 58% B. M.	1 60	1 55	1 47½
Soda nitrate	1 97½	1 95	1 75
Cream tartar, crystals	20½	23	24½
Muriate of potash	1 81½	1 77½	1 77½
Chlorate of potash	14½	10½	13
Kainit	$8 75	$8 75	$9 75
PAINTS			
White lead in oil	6½	6½	6½
Litharge, Am pow'd	6½	6½	7
Paris green	13½	—	14
Orange mineral	8½	9½	8
Ven. red, English	1 25	1 20	1 40
Ven. red, American	90	1 00	1 00
Barytes	$19 00	$18 00	$19 00
Whiting, Commercial	40	35	40
DRUGS			
Opium	1 65	1 90	3 75
Morphine, domestic	1 45	1 80	4 70
Quinine, German	18	19½	27½
Quinine, domestic	20	24	32
Cinchonidia, domestic	3½	3½	4
Alcohol	2 24	2 30	2 20
Borax, city	8½	8½	9
Beans, tonka (Ang)	2 25	1 85	1 40
Cubeb	30	60	1 15
Cuttlefish	13½	19	25
Glycerine, American	13½	15	17
Oil castor, city ...ce	11½	12	14½
Oil, codliver, Nor	$21 00	$23 50	$16 50
Oil, bergamot	2 50	2 90	3 00
Oil, cassia	87	1 00	1 00
Oil, citronella	25	23	31
Oil, cubebs	3 50	6 00	12 50
Oil, lemon	2 35	2 15	1 00
Oil, peppermint, tins	2 15	2 00	2 00
Oil, sassafras	35	40	42
Quicksilver	53	60	78
Aloes, cape	5½	5	5
Asafœtida	8	18	8
Gum arabic, 1st picked	60	72½	82½
Gum arabic, sorts	18	25	30
Camphor ...bbls	42	43	45
Shellac, D. C.	27½	30	32
Senna, Alex. Nat'l	17	18	22
Senega root	33	30	35
Golden Seal root	22	26	32
Ipecac	2 00	2 00	2 0
Jalap	30	52½	22
Canary seed, Smyrna	4½	1½	1 80
Caraway seed Dutch	4½	5	4½
Coriander, English	2	2½	2½
Mustard seed Cal. yel.	4½	2½	5
Mustards'd, Trieste, br.	4½	5	4
Rapeseed, English	4	4	4½
Rapeseed, German	3	3½	3½
OILS			
Cottonseed, prime S. Y	30½	36	33
Olive, Sicily	64	62	82
Cocoanut, Ceylon	5½	6½	8
Lard, prime city	62	54	72
Linseed, domestic	41	42	62
Menhaden, prime code	31	30	32
Whale, bleached win'r	55	59	52½
Sperm, bleached win'r	78	77	79
Paraffine, 25 gravity	10½	12½	11½
Black, 29 gr. 15 deg	7½	8½	9
Oil cake, Western	$26 50	$26 00	$24 00
Spirits turpentine	29½	37	40½
DYESTUFFS			
Bichromate potash Am	10½	9½	10
Cochineal, Teneriff S.	24	27	27
Cutch, bag	5	7½	6½
Gambier	4	4½	5½
Indigo, Bengal h gr'de	1 25	1 20	1 20
Prussiate potash, yel.	23	23½	10
Sumac, Sicily prime	$60 00	$66 00	$65 00
Starch, Corn	2½	2½	3½

WATERS PIERCE OIL CO.

REFINERS OF

PETROLEUM

Manufacturers of CAR and AXLE GREASE

PRINCIPAL OFFICE

No. 600 North Fourth St., St. Louis, Mo., U.S.A.

Depots in all Towns in the SOUTHWEST and OLD MEXICO

STANDARD OIL COMPANY

Of KENTUCKY

DEALERS IN

Spirits Turpentine, Refined and Lubricating Oil

AXLE AND RAILROAD GREASES

Our Specialties

Red Crown Stove Gasoline
Fire Proof Oil
Fast Mail Grease

Agencies and depots at all the principal points in the South

Main Office, LOUISVILLE, KY.

The Standard Lubricating Oil of America

FOR RAILROADS

Galena Engine, Coach and Car Oil

Gravity 26°, 27°, 28°, 29°; Cold Test, 10° to 15° below zero

No freezing in coldest weather, and entire freedom from hot journals at any time; perfect uniformity at all seasons of the year. Saves 40 per cent. in wear of brasses, as its exclusive use upon a majority of the leading railroads has demonstrated.

SHOWING BETTER RESULTS THAN ANY OIL EXTANT

REFERENCE FURNISHED ON APPLICATION

GALENA OIL WORKS, Limited

CHAS. MILLER,
President and General Manager

FRANKLIN, PA.

The Nichols Chemical Company
Manufacturing Chemists
45, 47 AND 49 CEDAR STREET, STOKES BUILDING, NEW YORK

Oil Vitriol — Sulphuric Acid, 98 per cent
Muriatic Acid — Bi-Sulphate of Soda
Blue Vitriol — Sulphate of Soda
Alum — Acetic Acid, etc., etc.

Special Quotations given on Application.

JAS. L. MORGAN & CO.
MANUFACTURING CHEMISTS,
47 Fulton Street, NEW YORK

Oil Vitriol — Muriatic Acid
Nitric Acid — Sulphate Soda
Aqua Fortis — Extract Indigo
Aqua Ammonia — Chemicals
Mixed Acid for Nitro-Glycerine, etc.

HUDSON RIVER CHEMICAL WORKS
Shady Side, N. J.

Highlands Chemical Co.
WORKS — HIGHLANDS STATION, N. Y. — On the N. Y. C. & H. R. R. R.
OFFICE — 47 CEDAR STREET, N. Y. — Stokes Building
MAKERS OF
Muriatic Acid — Acetic Acid
Oil Vitriol — Tin Crystals
Nitric Acid — Sulphate Soda, &c

PHOSPHORIC ACID
Phosphoric Acid (pure).
Do Do (commercial).
Do Do (crude).
Do Do (solid).
Phosphate of Soda.
Phosphate of Ammonia.
Phosphate of Lime (pure).
Phosphide of Calcium.
Manufactured by PERRY & HOPE, Kirkintilloch, Scotland.

FAIRFIELD CHEMICAL WORKS
71 WALL STREET, NEW YORK.
Oil of Vitriol, Nitric Acid, Aqua Fortis, ACIDS Muriatic Acid, Aqua Ammonia, etc.
Mixed Acids for Nitro-Glycerine a Specialty
WORKS AT BRIDGEPORT & NEW HAVEN CONN

Dundee Chemical Works
Germania Building, 62--64 William St., cor. Cedar, N. Y.
MANUFACTURERS OF
Oil of Vitriol — Tin Crystals
Muriatic Acid — Tin Solutions
Nitric Acid — Ox. Mur. of Antimony
Aqua Fortis — Stannate of Soda
Nitrate of Iron — Silicate of Soda
Muriate of Iron — Sulphate of Soda
Nitrate of Copper — Zinc Chloride
Mixed Acid for Nitro Glycerine a Specialty

SUGAR COLORING
Strongest Concentrated for all Trades.
Since 1876 Manufactured by
MAAS & WALDSTEIN
44 Trinity Place, New York
Works, Riverside Avenue, Newark, N. J.

WELCH, HOLME & CLARK CO.,
383 WEST STREET
BEST GREEN OLIVE OIL SOAP STOCK

CHEMICAL MARKET

Note.—*Our prices are for large lots except when otherwise specified, and buyers of small quantities must expect to pay an advance on these figures.*
Complete prices current will be found on page 42.

SATURDAY EVENING, Sept. 16, 1893.

The past week has been a quiet one as regards the demand for either spot or future delivery of any of the leading chemicals on the list. A few inquiries have come to hand from the glass trade for both alkali and salt cake for prompt shipment, as nearly all of the fires will be lighted by the end of the month. The settlement of the coal strike abroad does not look as bright as at the close of our last. It is intimated that unless some satisfactory arrangements are soon made a general shut down will be made abroad by the various makers. Considerable is heard around the trade about the general improvement in business, but as a chemical man expressed it: "It is said that faith has its reward, and while this may be so, it certainly requires the exercising of a goodly quantity of this element in human character to believe that there is a very material improvement in business. That there is a slight improvement, there is no doubting, and this, in a measure, may be attributed to the enhanced strength of public confidence, brought about by the recent action of Congress on the Sherman Silver Bill, but it is believed there will not be a positive re establishment of confidence among business men until the gentlemen of the Senate shall have exhausted their verbosity and emulated the action of their fellow legislators in the House, on the much discussed silver question." There is a slight advance in chlorate of potash on account of higher prices abroad. Brimstone is weak and dull. The other light chemicals show few changes as given in detail below.

Heavy Chemicals.

Carbonated Soda Ash.—During the past few days there has been rather more demand for September and October shipments of high test, as many of the glass factories use this style of ash. The coal strike abroad, however, is having more or less effect on prices, as holders are not inclined to quote without a strike clause. Sales are reported of 100 tons to arrive at 1 20@1 25c as to quantity and date of delivery. There is almost no stock in first hands on the spot, hence what little is being done is for future delivery.

Alkali.—During the past week there has been a better demand for spot goods or for deliveries upon existing contracts, which have been held back during the recent financial depression. There is no scarcity of stocks, neither is there any urgent demand, for the reason that about all of the large consumers are well stocked for the present. So for the coal strike abroad has had no perceptible effect on prices which continue to rule low both for spot and for future delivery. Competition among the various makers continues sharp and from present indications it is likely to remain so for some time to come. For 58% on the spot they are nominally quoting 1@1 05c as to quantity and style of packing, but for a contract extending over next fire in bags they are quoting 95c. So far, however, nothing of importance has been done.

Crystal Carbonate.—There is an improved demand for September and October shipments. Sales are reported of 60 tons at 1 90@2c, as to quantity and date of delivery. Owing to light stocks on the spot prices are held firm at 2 10@2 15c, as to quantity and holder.

Caustic Soda.—Cables to hand report an active demand abroad for spot goods at the advanced price, with intimations that another advance in values is not unlikely to occur should the present coal strike continue. As it seems likely to prevail, in that case it is reported a general shut down will take place among all the foreign makers. The demand here is very light, only small lots to cover current wants being the order of the day. The bulk of the arrivals to hand are deliveries upon existing contracts. Sales are reported of 150 dms 70-74% at 2 80@2 82½c and 50 dms 76% at regular quotations.

Sal Soda.—The price of foreign makes having been advanced abroad to a price equal to about 1 02½c here, buyers have turned their attention to the domestic, which is still procurable at 97½@1c f. o. b., less the usual discount for cash. There are, however, some lots of foreign on way held by outside holders, who have not as yet advanced their price and are quoting 95@97½c as to make, quantity and date of delivery, with sales reported of 25 tons within the range.

Salt Cake.—At the moment only a few inquiries have come to hand from the glass manufacturers for contracts extending over next year for the reason that nearly all of them have sufficient stock on hand to last for several weeks. It is reported that one of the domestic makers have sold their output for the balance of the year at a price reported to be about 55c. The general asking price for domestic is 60@62½c f. o. b., for next fire, but beyond the sale mentioned above, nothing of importance has been done. Foreign is dull and nominally quoted at 55@57½c, as to make, quantity and date of shipment.

Bleaching Powder.—There is very little to be said regarding this article, the demand being not at all as brisk as dealers anticipated. The starting of many of the mills in the east will no doubt very soon have a beneficial effect, if no more than lead to the resumption of deliveries upon existing contracts which were suspended during the late financial depression. Sales are reported of 125 casks hardwood at 2¼@2½c, as to quantity and holder. There is ample stock of softwoods to meet all requirements which are obtainable at 2@2½c, as to make, quantity and holder.

Acids.

Acetic.—Trading is limited to actual wants of consumers and these at the moment are of a retail nature. Prices, however, remain steady at 1¾@2¼c as to quantity and place of delivery.

Oxalic.—There is a slight improvement to be noted in the demand for this article. The starting up of so many mills, is one reason assigned for this increase in the demand. Sales are reported of 30 casks on the spot at 6½@6¾c, and 15 casks to arrive at 6@6 05c as to quantity, make and position of goods.

Tartaric.—There is almost no demand for important lots, only small jobbing orders such as daily wants require are being taken at 22½@23c, less the usual discount.

Muriatic.—Trade has been rather quiet during the past week. Stocks, however, are not excessive, hence little cutting in prices is heard among the trade. For round lots of 18% they are quoting 80@85c, while for jobbing parcels they are quoting 1@1¼c, as to quantity.

Sulphuric.—The improvement noticed in our last has slacked off to some extent during the past week. Buyers are pursuing a conservative course, only taking such quantities as their immediate wants require. No inducements in the way of a cut to increase their orders beyond actual wants induces them to go forward. It is reported that in the East and up the State, where competition is sharp very low prices are quoted. Sales are reported of bulk 66% in a large way at 70@75c, but for obys, the price ranges from 80@1c, as to quantity and maker. Chamber acid is in better request, with sales reported of 1,200 tons at $8. f. o. b. factory.

MARTIN KALBFLEISCH'S SONS CO.
55 FULTON ST., cor. of CLIFF ST., New York
MANUFACTURERS OF
Oil of Vitriol, Nitric, Muriatic and Acetic Acids, Aqua Fortis, Aqua Ammonia
Muriate of Tin, Sulphate of Zinc, Alum Tin Crystals,
Blue Vitriol, Glauber's Salt, &c.
Mixed Acids for Nitro-Glycerine Makers

NATRONA CHEMICALS

NATRONA BI-CARB SODA.—It is absolutely pure and the only Soda made from Kryolith is the best for Medicinal, all Family and Baking Powder Purposes.

NATRONA POROUS ALUM—(For Paper Makers and Dyers, 60 per cent. stronger than other Alum.)

NATRONA LUMP AND GROUND ALUM—(For Drug and Grocery Trade.)

NATRONA SAL SODA, CAUSTIC SODA, COPPERAS, SULPHURIC, MURIATIC AND NITRIC ACIDS, BLUE VITRIOL, CHLORIDE CALCIUM, FLUORIDE CALCIUM, ALUMINA SAPONIFIER LYE, LEWIS 98 PER CENT. POWDERED & PERFUMED LYE, POTASH, &c.

MANUFACTURED BY THE

PENNA. SALT MANUF'G CO., 115 CHESTNUT ST. PHILADELPHIA, PA.

140 Nassau St., New York. 323 North Second St., St. Louis. 19 & 21 Wabash Ave., Chicago

PEROXYGENE

Write for Circular No. 2
New Improvements and Recipes

PATENTED and TRADE-MARKED

A New, Economical and simple Bleaching Agent for Wool, Tussah, Cotton, Mixed Goods, Feathers, Bones, Bristles, etc.

The Roessler & Hasslacher Chemical Co.

73 Pine Street, NEW YORK

The Buffalo Chemical Works

Manufacturing Chemists, BUFFALO, N. Y.

OIL OF VITRIOL, ALUM,
MURIATIC ACID, GLASS MAKERS SALT CAKE
NITRIC ACID, AQUA FORTIS, CLAUBER'S SALT,
AQUA AMMONIA, SPECIAL ALUM for Paper Makers,
MIXED ACID for Nitro Glycerine Makers.

SPECIAL QUOTATIONS Given on Application.

WING & EVANS

Commission Merchants

54 William Street, New York

Soda Ash, Sal Soda, Caustic Soda, Bleaching Powder

AGENTS FOR

BRUNNER, MOND & CO. Ltd, Northwich, Eng.
SOLVAY PROCESS CO., Syracuse, N. Y.

James Lee & Co.

COMMISSION MERCHANTS

72 & 74 Pine Street, New York

IMPORTERS OF

CAUSTIC SODA, SODA ASH, SAL SODA BLEACHING POWDER, OXIDE MANGANES
CHLORIDE MANGANESE, CARBONATE OF POTASH, HYPOSULPHITE OF SODA,
PALM OIL, PALM KERNEL OIL, COCHIN OIL, CEYLON OIL.

SOLE AGENTS IN THE UNITED STATES FOR

CHARLES TENNANT & CO

EDWARD HILL'S SON & CO.

25 & 27 CEDAR ST., NEW YORK

Caustic Soda
Chlorate Potash
Caustic Potash
Carbonate Potash
Sal Soda
Gambier
Cutch

Cocoanut Oil Ceylon.
Cocoanut Oil Cochin.
Citronella

ARSENIC

Blue Vitriol
Orange Mineral
Oxalic Acid
Black Pepper
Opium, Cloves
Jute Butts, Nitrate S

Fratelli De Pasquale & Co.s

ESSENTIAL OILS

PURE ALKALI

Manufactured by the Ammonia Process

This Alkali contains 58 Per cent. of Alkali or nearly 99 per cent. of Carbonate of Soda. It is the most economical form of Soda for Manufacturers of Soap, Glass, Paper, Wood Pulp and Colors, and for Printers and Bleachers.

CRESCENT BRAND TRADE B.M&Co. MARK

MANUFACTURED BY

BRUNNER, MOND & CO.

LIMITED

NORTHWICH, ENGLAND

AND

SOLVAY PROCESS CO.

SYRACUSE, NEW YORK

CRESCENT BRAN TRADE B.M&Co. MARK

TRADE MARK

THE SOLVAY PROCESS CO. will make by this same process an Alkali adapted for Window Glass makers testing 48 per cent.

WING & EVANS

Sole Agents for the United States 54 William St., New York.

WING & EVANS have appointed as exclusive Sale Agents

Messrs. LINDER & MEYER, BOSTON, for New England States, who are prepared to contract for future delivery

Miscellaneous Chemicals.

Acetate of Lime.—There has been rather more demand for home consumption, but for export there is almost nothing doing at the moment, owing to the high rates of ocean freights demanded. Prices for the present may be quoted at 90@95c for brown and 1¾@1⅞c for gray, as to quantity and place of delivery. But for a round lot for prompt cash no doubt they could be shaded.

Arsenic.—There is a better demand for spot goods to meet the urgent wants of the glass makers who are getting ready to light their fires. Sales are reported of 50 kegs at 3¼@3⅜c, as to quantity and holder. Future shipments are held at 3⅝c, owing to the trouble in securing freight room.

Alum.—The usual jobbing demand prevails for spot goods. The starting up of so many mills of late has given rather more life to the market, on account of their drawing rather more freely upon their contracts. Values remain steady as named by the combination, at 1 75@1 85c as to quality and place of delivery.

Blue Vitriol.—Dullness and a light demand are the general complaints around the trade. While the combination continue their quotation of 3⅛c for car lots, there are outside lots still procurable at 3¼c, at which we note the sale of 40 bbls.

Brimstone.—There is almost no demand for spot goods for the reason that nearly all of the consumers are under contract for their supplies for the next two or three months. Spot is offered at $18, but for October-November shipment $17 is named and for December $16 80 is quoted for best seconds. So far, however, it has failed to attract buyers.

Chlorate of Potash.—The market is a shade firmer owing to the absorption of the cheap lots that have been pressing on the market of late. The demand, however, is not very active, only small sales are being made to meet current wants at 15c, as regular holders are not disposed to sell large quantities pending the unsettled state of the foreign market owing to the coal strike.

Chlorate of Soda.—Owing to light stocks available on the spot, trade in this article is restricted at the moment. We quote 18@19c as to quantity and position of goods.

Cream Tartar.—Buyers at the moment are limiting their purchases to meet their current wants, and these are generally of a jobbing nature, all of which is satisfied at 18⅛@19c, as to quantity and maker.

Copperas.—As the cold weather approaches the demand for this article as usual slacks off. For car load lots they are nominally quoting 70c, but to place a round lot this can be shaded. For jobbing parcels they are quoting 80@85c as to quantity and holder.

Nitrate of Soda.—The market is gradually assuming a stronger position, owing to recent arrivals being cleared up from docks. The demand, however, is not very urgent at the moment. Sales are reported of 3,000 bags in lots at 1 65@1 70c, as to quantity. At the close, however, 1 72½@1 75c was generally quoted. Messrs. W. R. Grace & Co. in their circular of to-day say: "With the abatement of the financial stringency, the nitrate market here is firmer. There is much less reselling by consumers, and the large arrivals of the last thirty days have nearly all gone into consumption. The visible supply is getting smaller, and as prices in Europe are much above values here, it is not likely that new purchases for the United States will be made on the coast for the present. We quote on spot 1 75@1 80c and to arrive 1 85@1 95c. The actual cost of importing is fully 1 92½c. Estimated quantity in store New York, 61,000 bags; discharging ex vessel New York, 7,000 bags; due to arrive in Sept., N. Y., 35,000 bags; do. Boston, 8,000 bags; do, Hampton Roads, 12,000; total, 55,000 bags; due to arrive in Oct., Hampton Roads, 7,000 bags; do, Savannah and Charleston, 18,000 bags; total, 25,000 bags; due to arrive in Nov., N. Y., 52,000 bags; do, Phila., 36,000 bags; total, 88,000 bags; visible supply to Dec. 1, 1893, 236,000 bags.

Glauber Salts.—There being about no demand it is almost impossible to give correct quotations, especially when the various makers are in sharp competition. We quote 80@1c, as to make and quantity.

Sugar of Lead.—The demand for this article at the moment is limited to such quantities as current wants require, and these have been unusually light during the week under review. We quote brown at 5¼@6c as to make, quality and quantity. White is unchanged at 10¼@11c as to make and quantity, less the usual discount.

Sal Ammoniac.—No change to note either in demand or values at present, though it is reported that an advance may be made shortly owing to a firmer market abroad. We quote lump at 8¼c, and grey at 5¼c.

Ammonias, Potashes and Fertilizing Chemicals.

The improvement in the demand noted in our last shows no abatement as regards the various ammoniates on the list. The low prices which have prevailed of late for some grades have brought out the orders both for prompt and for delivery over the next sixty days. Sulphate of ammonia has been in good request, with sales of several round lots of gas liquor at $3 30 and of bone at $3 10. For future shipments they are quoting $3 60, with some holders asking $4. The market, having been cleared of all cheap lots of blood that have been pressing for sale of late, is firmer in all positions. For the first time in a long while low grades owing to scarcity are bringing more money than high grades. We note the sale of 1,000 tons low at $1 90 and 700 tons of high grade at $1 95@2. The market closes firm at $2@2 05 for high and $2 10@2 15 for low grade, as to quantity. Azotine is also in request at $2 05. Bone meal is doing better, with sales reported of 300 tons of domestic at $22. Calcutta is held at $23 50 per ton and domestic at $18 per ton f o b Chicago. Fish scrap is held firm by the combination at $24 per ton for dry and $14 per ton for wet f o b factory. There are outside holders who are quoting a shade under these figures. Sulphate of potash and double manure salt have both been in better demand for spot and nearby arrivals. Nothing, however, has been done in

WALPOLE DYE & CHEMICAL CO.
ACID SULPHITE SODA. BI-SULPHITE SODA.
HYPOSULPHITE SODA.
SULPHITE SODA, CRYSTALS.
SULPHITE SODA, POWDERED.
(ANHYDROUS.)
WALPOLE, MASS.
J. A. & W. BIRD & CO., Agent
18 Cedar Street, New York.
117 Milk Street, Boston.

PURE
Ammonia - Soda
ALKALI
RUDDER B T&C BRAND
Manufactured by
Bowman, Thompson & Co. Ltd.
LOSTOCK ALKALI WORKS
Northwich, England
This Alkali contains 99 per cent. of Carbonate of Soda. It is the best and purest for the manufacture of Paper, Woodpulp, Soap, Glass, Colors, and for the use of Bleachers, Printers, etc.
Fuerst Bros. & Co.
2 & 4 STONE ST., NEW YORK
Sole Agents for the United States and Canada

G. A. & E. MEYER,

COMMISSION MERCHANTS,

59 MAIDEN LANE, NEW YORK.

CHANCE'S BICARB. SODA,

Pattinson's Carbonate and Calcined Magnesia,

Carbonate in 2 oz., 4 oz. small square & powdered. Calcined 1-2 and 1 lb. bottles & 1 lb tins.

AGENTS FOR

LEECH, NEAL & CO.'S, Derby, Eng.

Turkey & Indian Reds, Purple Browns, Colcothar, Metallic Oxides, Bright Red, Venetian Red and Scarlet Oxides.

COPPERAS

We are now manufacturing about

Five Hundred Tons

of Copperas per month.

Correspondence Solicited.

CLEVELAND COPPERAS COMPANY

Cleveland, Ohio.

Heller, Hirsh & Co.

Commission Merchants and Brokers

Main Office, 164 Front St., New York

Branch Offices:
Brown's Wharf, Charleston, S. C.
411 E. Lombard Street, Baltimore, Md.
10 Pacific Avenue, Chicago, Ill.
238 N. Front Street, Philadelphia, Pa.
2 N. Groeninger Street, Hamburg, Germany.

POTASH SALTS, FERTILIZER MATERIALS, AQUA AND ANHYDROUS AMMONIA

ACETIC ACID
BRIMSTONE
SULPHUR
FLOWERS
FLOUR

MANUFACTURED Passaic Chemical Co., 254 PEARL ST., NEW YORK.

Drugs, Dyes, Chemicals

FERGUSSON BROTHERS

102 Chestnut Street, Philadelphia

Glass, Paper, Soap, Woolen and Cotton Manufacturers' Supplies

POWDERED CAUSTIC SODA AND BLEACH
n Barrels, 10 lb. tins, 1 lb. tins, etc,

JOHNSON'S CEMENT
WALKER'S COAL TAR & PITCH

SULPHO-CARBOLIC DISINFECTING POWDER

A combination of Carbolic Acid and Sulphur, making this Powder the most valuable Disinfectant, Antiseptic, and Deodorizer known to science. Costs no more than poor Disinfectants.

E. J. BEGGS & CO., 105 John St., N. Y.

NASSAU SULPHUR WORKS

ROLL BRIMSTONE
FLOUR SULPHUR
VIRGIN ROCK BRIMSTONE

105 JOHN ST., NEW YORK.

E. De HAEN

Chemical Works, List, near Hanover, Germany.

ESTABLISHED 1861.

Manufacturer of Chemicals

For Pharmaceutical and Technical Purposes.

Begs to call attention to his exhibit at the
COLUMBIAN EXPOSITION, CHICAGO.

ROGERS & PYATT, Agents, 78 & 80 Maiden Lane, N. Y.

A. A. ROBBINS

Minerals, Clays, Chemicals, etc

158 SOUTH ST., N. Y.

Clays, Manganese, Fluor Spar, Feldspar, Flint, Silex, Ground Glass, Selected and Bolted Pumice Stone Talc, Scotch Hone Stone, Ground Slate, White Sand, etc.

DANIEL H. GRAY

MANUFACTURER OF

Flowers of Sulphur

PURELY SUBLIMED (CHAMBER).

ROLL AND VIRGIN ROCK BRIMSTONE

113 Maiden Lane New York.

New York Coal Tar Chemical Company

10 WARREN STREET NEW YORK.

COAL TAR AND AMMONIA PRODUCTS.

Carbolic Acid { Crystals, Liquid.

AMMONIA { Anhydrous, Aqua, Sulphate.

Creosote Naphtha, Benzole, &c.

Hollingsworth & Peterson

BROKERS IN CHEMICALS

69 NORTH FRONT ST., PHILADELPHIA

REPRESENTING

WING & EVANS of New York

FOR THE SALE OF

Pure Alkali 36, 48 & 58 Per Cent.

Sal Soda, Caustic Soda 60, 70 & 74 Per cent.

Manufactured by

BRUNNER, MOND & CO. England.

SOLVAY PROCESS CO Syracuse, N. Y.

THE UNITED ALKALI CO., Limited

CAUSTIC SODA

60%, 70%, 74%, 76% & 77%

For spot delivery and or for prompt or forward shipments to New York, Boston Philadelphia, Baltimore, New Orleans, or on through freight to inland cities.

JAMES LEE & CO.,
72 & 74 Pine Street, NEW YORK.

EDWARD HILL'S SON & CO.,
25 Cedar Street, NEW YORK,

Sole Agents for the United States.

MASON, CHAPIN & CO.

MANUFACTURERS OF

PULP COLORS

For PAPER MAKERS' USE

Works at DIGHTON, MASS.

PROVIDENCE NEW YORK BOSTON

future contracts extending over next year, as prices have not as yet been fixed beyond the present year.

Muriate of Potash.—What arrivals are coming to hand are deliveries upon existing contracts. Consequently few round lots find their way on the market, specially since the financial situation has become easier. Prices remained unchanged as established by the various agents of the syndicate.

Boston Chemical Market

[Special to the REPORTER.]

Alkali.—There is only a moderate demand on spot, with enough stock to meet it, but large purchases are not made, consumers having enough on hand to keep them going for some time, as they are not, as a rule, running their mills to the full capacity. Round lots 1 05@1 10c, jobbing lots 1 10@1 15c.

Bleaching Powder.—The better tone continues and more inquiry is reported both on spot and to arrive. Consumers are beginning to come forward with their wants and negotiate future contracts. The jobbers are meeting with an excellent request and stocks are no larger than will be required if the situation continues to look up. Spot 2¼@2 15c.

Blue Vitriol.—The market is still quiet, but steady with the tone more inclined to firmness than weakness. Round lots, 3¼c.

Caustic Soda.—The jobbing trade is experiencing a good business, almost amounting to activity, and there is also a little more life to business for future delivery, though the demand is by no means large, as yet. The market is steady. Spot, 2 80@2 85c.

Chlorate of Potash.—There is a fair request. Crystals, 15@15½c; powdered, 16c.

Sal Soda.—The demand is moderate with the position steady and prices unchanged, for English. Spot, 92½@95c; for September shipment, 1@1 05c.

ANALYTICAL LABORATORY
—OF—
Dr. Gideon E. Moore
221 Pearl St., New York.
Analysis of Oils, Paints, Drugs, Chemicals ertilizers, Waters, and Natural and Indusal products of every description. Assay Ores, Minerals, Metals, etc.
Printed Price Lists on Application.—

Philadelphia Chemical Market

[Special to the REPORTER

Carbonated Soda Ash Liverpool 48%—Is moving along quietly and a better demand is anticipated in the near future. Spot goods are quoted at 1 30@1 35c and shipments are obtainable at 1¼@1 35c.

Alkali.—Is in better demand and has been arriving freely but nearly all placed on contracts to go into immediate consumption. 48% on spot is quoted at 1 30@1 35c, and shipments at 1 20@1 30c. To arrive there is nothing offering at present. 58% on spot is held at 1¼@1 35c, and shipments are quoted at 1 15@1¼c.

Caustic Soda, 60%—From store can be had at 3 05@3 15c, and to arrive 2 90@3c will buy. Shipments are held at 2⅞@2 95c. 74% is selling at 2 90@3c, as to quantity and brand, and future deliveries are obtainable at 2 77½@2 85c.

Sal Soda—Is offering at 1 05@1 10c and shipments are quoted at 95@97½c.

Black and White Pepper.

From an official report just published concerning the trade of Bangkok, (Siam,) we note that, after rice and teak, pepper is the principal export from Siam. In 1892, 1,175 tons were exported, a slight falling off compared with the previous year. The pepper business is entirely in the hands of two British firms at Bangkok, and as bargains are enclosed simultaneously at London and Bangkok by telegraph, it is a perfectly safe trade. The price during the past year continued to fall, ranging from 22 ticals per picul (£30 10s. per ton) for white pepper, and 16 ticals to 10 ticals (£22 3s. to £13 7s. per ton) for black. As recently as 1888 the price reached the high figure of £88 per ton. It would appear that the big profits in those years were made by the middlemen—Chinamen, who buy the standing crops and take all risks of disease or worm. The pepper crop is gathered in March, and is in the Bangkok market about a month later. When the berries are plucked, they are put through a winnowing machine with three compartments. The heaviest berries drop into the first, and after being macerated in water, by which the outer black covering is removed, become white pepper. The lighter and inferior berries of the second compartment form black pepper, and those in the third are waste, from which the best grains are extracted and added to the second kind. Of the export, two-thirds were white and one-third black pepper. All the white is shipped to London and the black to China. The local consumption is small. The prospects for the present year are good. The quality seems excellent, and there are no complaints of scarcity, though growers assert that if the price falls any lower it will be impossible to continue cultivation.—*London Grocer.*

Some Cotton Oil Problems for Chemists

BY C. B. WARRAND.

It is a well known fact that cottonseed oil cake, even from the most perfect mills using green seed or upland cottonseed, contains 10 per cent. of oil. One ton of cottonseed contains about fifty gallons of oil or a little more. Thirty-five gallons is considered a very good yield. In the 1,000 pounds of meal about 100 pounds of oil remain after expressing the oil, hence to obtain a perfect solvent has been a very important problem to the technologist.

Many solvents are known. None so far has been found to answer fully in all respects. The greatest objection has always been the low temperature at which such solvents boil, and the invariable end of all plants operated by solvents in England, where more has been attempted in this line than in any other country, has always been sooner or later a total destruction by fire.

Some time ago I thought that a solvent for cottonseed oil might be obtained from the slack or still water produced by the distillation of spirits of turpentine. The amount produced annually, about 500,000 barrels, or 20,000,000 gallons, seemed vast enough. It could be concentrated at various points for about one cent a gallon. Two of its constituents, acetone and methyl alcohol, are perfectly harmless, leaving no odor or smell in the meal, and they are as perfect as solvents. The third, acetic acid, if satiated with carbonate of baryta, will remain in solution, while acetone and methyl alcohol are easily regained by fractional distillation. The solution of acetate of baryta can easily be evaporated in cast iron vessels without any special care until the salt is crystallized. If the acetate of baryta crystals are distilled the product will be acetone and carbonate of baryta, which can be used over and over again without loss.

Assuming that this still refuse water only contains 2 or 3 per cent. of these three solvents, which can easily be converted into two, efficiency and cheapness would undoubtedly be attained from an ample source. But acetone boils at a temperature of 135° Fah., and methyl alcohol about 155°; hence no capitalist would care to invest with an almost certain end of destruction of the plant by fire. That it would be profitable to recover acetone and methyl alcohol for their commercial value is quite probable, but as it is not pertinent to the problems of cottonseed oil solvents, it is not necessary to look into the problem any further in this article.

Cottonseed oil so far has always been obtained and treated almost exclusively by mechanical or physical means. The crude oil is subjected to a low degree of temperature, or in other words, frozen. A portion will congeal and a portion will remain liquid oil. The frozen portion will contain stearine oil and a residue, a glue like, creamy white mass known in commerce as cottonseed oil foots. The only general use these foots have had so far was for soap-making. The stearine is largely used for the manufacture of so-called refined lard. Whether there is any refining about it is very problematic. That it is merely a mixture of ground green bones and grease obtained from various refuse parts of the hog is quite possible, if not an actually proven fact. The frozen residue is put in a hydraulic filter press and the oil and foots pressed out. The non-congealed oil and that obtained from the stearine have very distinct capacities and give very different results by certain treatments.

Another fact which is very interesting is the fact that the remaining part of oil in cottonseed oil cake is to greater extent available to be converted into rubber than that recovered. The cruder the oil the more available it is for the rubber manufacture, which is undoubtedly a product of oxidation, just the same as natural rubber is the production of the oxidized juices of the rubber tree. So far only the slow and mysterious action of sunlight and heat have been applied to a portion of the crude oil with success; whether this can be done profitably on large scale has been pretty well proved by the immense plant which is now in the course of erection near Savannah. It is also a significant fact that a plant for making their own oil is part of the project. It will undoubtedly be of great benefit to individuals and probably to the rubber trust, but to the cotton planter and consumer of rubber goods it will be of little or no benefit, unless parties outside of the rubber trust take sufficient interest in the matter to spend money for investigation, and, when a satisfactory result is obtained to establish a plant.

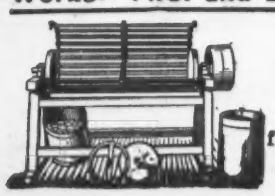
Can the product to make rubber be obtained from the seed direct? Can electricity take the place of sunlight? Can ozone, this mysterious combination or state of oxygen, be utilized directly? Can the oil be so finely sprayed and brought in contact with atmospheric air under the necessary conditions to be oxidized within a few hours? These are all problems which can be solved by series of experiments which require only knowledge, money and brains; one without the other will not be of much avail.—*Manufacturers' Record.*

SIEGFRIED PELS
GENERAL COMMISSION MERCHANT AND BROKER
Office, 25 Paulstrasse, HAMBURG, GERMANY. Telegr. Addr. Siegpels
IMPORTER of American Products, i. e., Tallow, Stearine, Rosin, Spirits Turpentine, Linseed and Cottonseed Oils, Acetate of Lime, etc.
EXPORTER of Carbonated and Caustic Potashes, best German Bone and LeatherGlue Woolgrease, Bauxite, Magnesite, and Antimony Ore. Al Coaltar and Coaltar Pitch.

PHILADELPHIA COPPERAS WORKS 16th and Washington Ave. PHILADELPHIA, PA.
GREEN and RUSTY COPPERAS of first class quality, supplied to the trade in any quantity
Address McDANIEL & HARVEY CO., Lock Box 1136, Philadelphia Pa
New York Office, 284 Pearl St., Room 509.

THE PYRITES CO., Limited
Mines: Pilley's Island, Newfoundland LONDON, ENGLAND
A Rapid Burning Ore of High Sulphur Percentage and Singularly Free from Impurities.
Over 50 per ct. Sulphur in the Ore. Less than 1 per ct. Sulphur in the Cinder
PIM, FORWOOD & CO., Agents, 24 State Street, New York

Vesta Oil Works
REFINERS AND PACKERS OF
PETROLEUM AND ITS PRODUCTS
Office, 124 Maiden Lane, New York
Works: First and Bond Streets, SOUTH BROOKLYN


ALSING'S PATENT DOUBLE JAR MILL
THE BEST MILL FOR LABORATORIES.
These mills are also made single, as well as in 7 different large sizes. They are porcelain lined, so as to keep the material free of contamination, reduce to an impalpable powder without bolting, and are easily cleaned.
Write for particulars to J. R. ALSING COMPANY, 60 New St., New York.

MURGATROYD'S
AMMONIA SODA ASH

OR REFINED ALKALI 58%

This Alkali Contains 99½% Pure Carbonate Soda

and is the best for Glass, Paper, Paints, Soap and Chemicals. Quotations for spot delivery or shipments from Liverpoolto any American port furnished by

A. KLIPSTEIN, 122 Pearl St, New York

134 Milk St., Boston
120 Arch St., Philadelphia
124 Michigan St., Chicago.

SOLE AGENT FOR

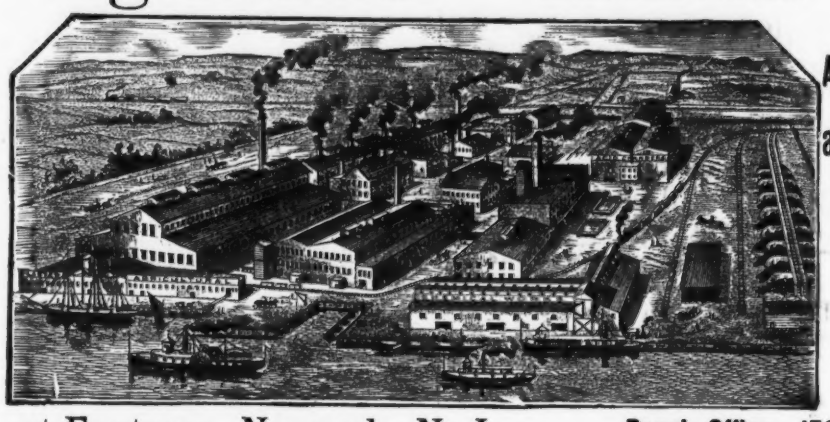
MURGATROYD'S AMMONIA SODA AND SALT SYNDICATE

MIDDLEWICH, ENGLAND.

Lister's Agricultural Chemical Works

Bone Black for Oil Refineries a Specialty---also for Sugar Refineries.

Glue Grease &c. &c.



Asphaltum Substitute for Japan and Varnish Manufacturers

Sulphate of Ammonia and other Chemicals

Principal Office at Factory, Newark, N. J. Banch Office. 159 Front Street, New York.

THE AMERICAN COTTON OIL CO.

OF OHIO

CINCINNATI, OHIO

W. H. FIELD, Vice-President.

Manufacturers of all Grades of

Cotton Oil

Crude Cotton Oil

Summer White and Yellow Cotton Oil

Winter White and Yellow Cotton Oil

White and Yellow Cottonseed Stearine

SPECIALTIES

AMERICAN & J. V. LEWIS & CO. Brands of WINTER MINERS' and BREWERS' Lamp Oil, especially prepared for Burning purposes. Guaranteed Pure, and to remain Bright and Limpid at 32° Fahr.

EMPIRE SALAD OIL.—A strictly Winter-Strained Oil, especially prepared for Druggists' and Culinary purposes. Guaranteed to remain Bright and Limpid at 32° Fahr.

THE AMERICAN COTTON OIL COMPANY'S IXL COOKING OIL.—Purely Vegetable. Recommended to, and extensively used by, Bakers, Hotels and Private families.

THE AMERICAN COTTON OIL COMPANY'S CHOICE BUTTER OIL.—Purely Vegetable, and especially prepared for Butter Manufacturers.

QUOTATIONS FURNISHED UPON APPLICATION.

THE AMERICAN COTTON OIL CO.

133 East Sixth Street,
CINCINNATI, OHIO

Tennessee Cotton Oil Co

Memphis, Tenn.

JO. W. ALLISON, Vice-President.

MANUFACTURERS OF

Crude Cottonseed Oil — Refined Cottonseed Oil

Cottonseed Cake — Cottonseed Meal

Regins — Hull Ashes

Cottonseed Meal for either Fat, Flesh, Milk or Butter producing value is the best and cheapes food known. The value of the manure from cattle fed on cottonseed meal is nearly three times as great as from any other feed.

Prices and Freight Rates Furnished on Application to

TENNESSEE COTTON OIL CO

Memphis Tenn

Wm. Pickhardt & Kuttroff

SOLE IMPORTERS OF

DYESTUFFS, COLORS AND CHEMICALS

MANUFACTURED BY

Badische Anilin- and Soda-Fabrik

Ludwigshafen on Rhine, Germany

BRANCHES:
Boston,
Chicago,
Providence,
Philadelphia.

98 Liberty Street,
NEW YORK

LIQUID CHLORINE

Riverside Dyewood Mills & Extract Works
John M. Sharpless & Co.
MANUFACTURERS OF
Pure Extract of Logwood
AND ALL KINDS OF DYEWOODS
Importers of INDIGO, CUTCH, CHEMICALS, &c
20 and 22 N. FRONT ST., PHILADELPHIA

CHICAGO ILL.
1399 Archer Avenue.

NEW YORK
54 Warren Street.

Stein, Hirsh & Co.
MANUFACTURERS OF
Corn Wheat and Potato
STARCH
Mfrs. and Importers of Albumens and Dextrine. Corn Starch, daily capacity about 150,000 lbs.
FACTORIES AT CHICAGO, ILLS., and HAMMOND, IND.

The Heller & Merz Co.,
MANUFACTURERS OF
SUPERIOR
ULTRAMARINE
FOR ALL PURPOSES
Aniline Colors
Eosines Bismarck Brown
Fuchsine Chrysoidine
Blue Orange, etc
BALL BLUE
BARREL PAINT
OFFICE
55 Maiden Lane, NEW YORK
Factory, NEWARK, N. J.
WATSON EVENS Philadelphia Agt, 9 N. Front St.,
Chicago, 29 River St.

DYE MARKET.

Note—Our prices are for large lots except when otherwise specified, and buyers of small quantities must expect to pay an advance on these figures

Complete prices current will be found on page 53

SATURDAY EVENING, Sept. 16, 1893.

The improvement noticed in our last still continues, although it has not as yet materially affected prices. The demand for some articles in this list although much stronger, yet as a rule, did not exceed jobbing proportions. The brighter financial situation gives cause for much encouragement, but without a vigorous demand but little improvement in market values will result.

Albumen.—Last week's quotations still continue to be maintained, although the market presents a more encouraging aspect. Trade continues, however, to show a contracted volume, only moderate quantities having been consumed. Egg is still held at unchanged prices. Blood sells in a regular way at 15@18c. Some brands are quoted as low as 6c, but are of such inferior quality that no outlet is opened to them.

Anilines.—While there has been a better outlook, with possibly a steadier tone to the market, the demand has not exceeded greatly that which was spoken of in our last report. Important action has long since ceased, but, as the situation is growing brighter, we may look for a change, but it will be a very gradual one. The prices ordinarily range from 13@13½c for salts, and 14@14½c for oils, as to quality and quantity.

Alizarine.—There is seemingly no inclination to press these goods on the market, as the demand is of small character, and all efforts to force purchasing would result in a lowering of values. We quote 17@18c, as to quantity.

Bichromate of Potash.—Quietness still continues in this department, with here and there occasional sales of a small character as the requirements of consumption demand. Values, however, continue to be held on the basis of 10½@11c, as to foreign or American makers, as to quantity.

Cutch.—Only small quantities have found an outlet during the past week and the quotations are on the same range as heretofore. Holders refuse to press their supplies on the market as they have conceded as much in the way of values as they consistently can. Values continue to be quoted at 4¼@4¾c, as to brand and quantity.

Divi Divi.—There was a perceptibly better demand in this article during the week, with a steadier feeling and a gradual hardening of prices. A transaction of 1,500 bags to a dealer was made on private terms. The outlook is much brighter and values are firm at $50@60, as to quantity.

Dyewood.—The movement continues inactive, and with the exception of a moderate distribution there has been no demand. Supplies are more or less depleted, and as additions come to hand slowly no accumulation of spot stocks are being made. Quotations are as last reported.

Gambier. — Notwithstanding the brighter outlook and the steadier tone that has prevailed throughout the past week, prices have not as yet responded but remain unchanged at 3¾@4¼c for spot. The demand is looking up, and although the sales were for the most of jobbing proportions, yet the increased inquiry of the week gives encouragement to holders to look for a near revival of activity. To arrive the price quoted is 3¾c and forward shipment is maintained at 3⅞@4c.

Indigo.—While the offerings continue liberal there is no indication on the part of buyers to respond. Stocks are light both here and abroad and as the crop reports do not advise encouragingly it is thought that the supplies will be smaller than for last year. Values remain unchanged. We are indebted to Messrs. Parsons & Keith for the following under date of September 4th, concerning East India indigo: "The declaration of the quarterly sales to be held on October 9, 1893, prompt January 12, 1894, were made to-day, and comprised 3,450 chests consisting of 1,050 chests Bengals, Oudes, etc., 1,630 chests Kurpah, 190 chests Madras, 100 chests Manila and 480 chests Bombay Figs."

Madder.—There has been no change noticed in this article and apart from the average distribution to satisfy current wants, no activity has been displayed. We quote Dutch at 10@15c, and French at 9@9½c, as to quantity.

Nutgalls.—Moderate quantities of this article have found a consuming outlet at the former prices of 13¾@14c for prime grades Aleppo. China galls do not command any immediate attention, and are nominally quoted at 13@13½c, as to size of package.

Prussiate of Potash.—A slightly better feeling has pervaded throughout this market, although it has not contributed any strength as yet to the market values. Small lots sold well, but large ones were avoided. For not less than 50,000 lbs German yellow 21c per lb; for less than 15,000 lbs 21½c, smaller quantities 22c f o b New York, Boston and Philadelphia. For 15,000 lbs Scotch yellow 21½c per lb, for smaller quantities 22c per lb f o b New York.

Sumac. — There was considerably more activity displayed in this market during the past week. Sales aggregating 1,500 bags spot goods were made on the range of $65@70, a small lot selling under the inside price. The to arrive and forward shipment is held at $65@70 for Sicily. Virginia is quiet and nominally quoted at $43@46.

Boston Dye Market.

[Special to the REPORTER.]

Cutch.—The market continues absolutely quiescent, with prices unchanged; but actual buyers can obtain concessions from these figures without difficulty. No offerings are being made from Calcutta. S. M., 4½c; Star B., 6½@7c.

Gambier.—More activity has been noted during the past week, and a good jobbing trade has been done. Prices are firm and without change; but spot stocks are becoming gradually depleted, and with the general feeling of the trade that the lowest prices have been touched, a gradual advance is looked for. There is no gambier due here until the middle of October, and the stock by this vessel is not being offered in the market. The statistical position of gambier with regard to Boston is as follows: In store, Sept. 1, 3,000 bales; afloat, ex Emma T. Crowell, due about Oct. 14, 3,253 bales, making the total visible supply to Nov. 1, in store and afloat, 6,253 bales. Ex store is here quoted at 4c; cubes No. 1, 6¾c; No. 2, 6c

Indigo.—Continues in the same position, with trade yet quiet, in a large way, but with some jobbing business going on. Prices are steadily maintained. The crop advices received by cable this week give the crop of Bengals at 110,000 maunds, which is, of course, approximate.

Nutgalls.—The considerable activity heretofore reported is entirely lacking now, and the feature of this article seems to be the extremely small inquiry. Aleppo, 14c; white, 9@10c; green, 12½@13c.

Sumac.—There is practically nothing to say about this article, so far as this market is concerned. The first steamer from Palermo is not expected to arrive before the middle of November, and with any fair consumptive demand the spot stocks will scarcely last until that time. Prices for Sicily are unchanged at $70@75 according to brands, for future shipment, $66@72, according to brand. Owing to the limited demand during the past two or three months in the consuming sections and the scarcity of money, the grinders of Virginia sumac have accumulated only a small stock of leaf, not over two-thirds of their usual purchasings. The quality of the Virginia is reported as very good. Ex store, $43@45.

Woods.—There is no change in the situation of logwood, which continues extremely scarce, with prices very strong. From the north side of Hayti $40@42, from the south side $35, Laguna $50, Jamaica $35. Fustic continues quiet, but strong, on account of the small stocks.

Awards for Ordnance Supplies.

Following is a list of the awards for ordinance supplies for the National Armory, Springfield, Mass., for this year:

Bidder 7, John H. Doolitte.
11. G. L. P. Chambers & Co.
20. Standard Flint Paper Co.
27. Howe, Brown & Co.
32. C. H. Pleasants.
37. Hampden Paint & Chemical Co.
38, Smith, Kline & French Co.
41. Geo. A. Graves & Sons.
44. A. A. Sawyer.
48. Shoemaker & Busch.

50, Fiske Bros.
53. C. M. Childs.
Item 481, 75 lbs soap common cas tile 16¾c per lb, bidder 32.
482. 60 bxs do Seaver's star, 16c p r box, bidder 7.
483. 700 gs do soft made from pure ash lye, rejected.
484. 5 lbs sponge sheep's wool unbleached, $1 05 per lb, bidder 32.
485. 25 lbs do Cuba, $1 65 per lb, do.
487. 2 reams sandpaper Nos. 2 and 3 $1 74 per ream, bidder 48.
488. 12 reams do no. 1½ to 0, $1 74 per ream, do.
489. 45 reams sapphire, $3 25 per ream, bidder 20.
490. 5 lbs stick crocus, 8c per lb, bidder 32.
532. 100 gals alcohol, $2 11 per gal, bidder 38.
533, 20,000 lbs sulphuric acid, 1½c per lb, bidder 37.
534. 25 lbs alum, 2¾c per lb, bidder 48
535. 50 lbs bichromate of potash, 12¼c per lb. do.
536. 2 pints Miller's balsam, 49c per pint, bidder 34.
538. 500 lbs borax, 8¾c per lb, bidder 38.
539. 35 lbs beeswax, 28c per lb, bidder 48.
540 and 541. 20,000 lbs ground bone, 3½c per lb, bidder 11.
542. 85 lbs white chalk, 74-100c per lb, bidder 48
546. 1,500 lbs glue AA best. 15¾c per lb bidder 41,
547. 400 lbs do Whal. Bros., 15c per lb, bidder 38.
548. 5 gals do liquid Le Page's, $1 32 per gal, bidder 48.
549. 50 lbs gum shellac, 26½c per lb, do.
551. 1 oz. nitrate silver, 65c per oz, bidder 32.
552. 100 lbs potash, 6c per lb, bidder 38.
553. 10 lbs corrosive sublimate, 62c per lb, do.
554. 100 lbs sal ammoniac, 9½c per lb. bidder 32.
555. 20,000 lbs sal soda, 1 1-10c per lb, bidder 38.
556 4 000 lbs silicate of soda, 1 7-16c per lb, bidder 44.
559. 30 lbs chrome yellow in oil, 10c per lb, bidder 38.
560. 100 lbs drop black dry, 6¾c per lb, bidder 53.
561. 25 lbs do in Japan, 11¼c per lb, do,
562. 20 lbs Hampden green in oil, 13c per lb, bidder 37.
563 100 lbs ivory black in Japan, 11¼c per lb, bidder 53.
564 26 lbs lamp black, 7c per lb, bidder 37,
565. 2,000 lbs white lead ground in oil, 5 9-10c per lb, bidder 38.
566. 10 lbs Prussian blue in oil, 21c per lb, bidder 53.
567. 200 lbs putty in tubs, 1½c per lb, bidder 37
568. 100 lbs Spanish brown dry, ¾c per lb, bidder 53.
569. 25 lbs stone yellow dry, 2c per lb, bidder 37.
570. 50 lbs do in oil, 6c per lb, do.
571. 225 gals spirits turpentine 31c per gal, bidder 38.
572. 5 gals varnish white shellac, $2 53 per gal, bidder 53.
573. 10 gals do spar, $1 63 per gal, bidder 48.
574. 50 lbs venetian red in oil, 3¾c per lb, do.
575. 10 lbs do dry, 2c per lb, do.
576. 10 lbs English vermilion, 63c per lb, do.
577. 10 lbs burnt sienna in oil, 7c per lb, bidder 32.
578. 200 lbs refined tallow, 6 95-100c per lb, do.
579. 10 lbs burnt umber in oil, 7c per lb, bidder 38.
580. 500 lbs best whiting, 7-10c per lb, bidder 53.
581. 300 gals oil cylinder. 37c per gal, bidder 44.
582. 3,500 gals do lard, 73c per gal, bidder 50.
583 350 gals do raw linseed, 48c per gal, bidder 38.
584. 230 gals do machine, 23@45c per gal, bidder 27.
585. 20 gals do neatsfoot, 52c per gal, do
586. 3 000 gls do sperm, 76 9 10c per gal, bidder 44.

New Mining Enterprises.

The Quincy Mining & Water Co., San Francisco Cal., was incorporated Aug. 29, with a capital stock of $250,000.

The Deadwood Mining Co., Grass Valley, Cal., was incorporated Sept. 1, with a capital stock of $1,000,000.

The Cope Placer Mining Co., Mountain City, Nev., and Denver, Col., was incorporated Sept. 2, with a capital stock of $1,000,000.

The Gold Collar Mining & Milling Co., Central City, Col., was incorporated Aug. 31, with a capital stock of $100,000.

The Custer Peak Gold Mining Co., Lead, S. Dak., was incorporated Sept. 4, with a capital stock of $2,400.

The Silver Bluff Mining Co., Eau Claire, Wis., was incorporated Aug. 31, with a capital stock of $175,000.

EXTRACTS & CARMINES
—OF—
INDIGO
TAYLOR & BARKER,
Manufacturing Chemists, Lowell, Mass.

PHILADELPHIA DYESTUFFS & CHEM. CO.
MANUFACTURERS AND IMPORTERS OF
DYESTUFFS AND CHEMICALS
Works and Office, FRANKFORD, PHILADELPHIA.
Nitric Acid, Nit. Iron, Nit. Lead, Nit. Ammonia, Glauber Salts, Sulphate of Soda
Sulphate of Copper, Cutch Extract, &c.

Telephone No. 1280 Cortland.
Read Holliday & Sons, Limited
No. 7 PLATT ST., NEW YORK,
Manufacturers of ACID MAGENTA (Patented.)
ANILINE DYES, INDIGO.
ANILINE OIL, INDIGO EXTRACT,
ANILINE SALTS, ARCHIL LIQUOR,
FUSTIC EXTRACT, PICRIC ACID,
CHLORATE POTASH, OXALIC ACID
YELLOW PRUSSIATE OF POTASH
ZINC Auxiliary, Chemicals, Etc
BLEACHING POWDER CAUSTIC SODA
Works: Huddersfield, Wakefield } England
Rouen, France,
Brooklyn, N. Y.
Branches:
BOSTON, 367 Atlantic Ave.
PHILADELPHIA, 46 N. Front St

ESTABLISHED 1873.
GEO. F. TAYLOR & BRUSH
134 Water St., NEW YORK.
Commission Merchants and Brokers in
FERTILIZER CHEMICALS
And Materials Generally,
GLUES, BONEBLACK, TALLOW, etc
CORRESPONDENCE SOLICITED.

A. B. FRENZEL, M. I. Mech. E.
Consulting and Mechanical Engineer
Drying "in Vacuo" Powders, Liquids and Solids.
16 William Street, NEW YORK.

JOHN D. LEWIS,
MANUFACTURER OF
Dyewoods and Extracts
Importer of DYESTUFFS and CHEMICALS
48 & Exchange Place WORKS- Charles & Bark Streets, Cable address, "Lewis." Prvoidence, R. I.

James Miller Son & Co.
Established 1848.
79 West Nile St., GLASGOW, SCOTLAND
Cable address, DECIMAL, GLASGOW.
Codes: A B C. A1. International. Mercantile. Cosmopolitan.
Coal Tar Products
PITCH, in Bulk and Barrels, TAR, BENZOLES, NAPHTHAS, CREOSOTE OILS
TAR SALTS SULPHATE OF AMMONIA.
CANNEL AND STEAM COAL
IMPORTERS OF
Paraffin, Refined Wax, Lubricating Oils, &c
Colors for Dyers and Calico Printers, Egg and Blood Albumen, Egg Yolks, Artificial Gum
Farina, Dextrine, Aniline Oils and Salts, Caustic Soda, Bleach, Dried Blood,
Fish Guano, Horn and Hoof Meal, etc. Druggists' Fullers Earth.

LAWRIE & BUCHANAN
14 Stone Streets, New York,
IMPORTERS OF AND DEALERS IN
ANILINE COLORS, DYEWOOD EXTRACTS, CUDBEAR, EX. INDIGO, ARCHIL LQ. and INDIGO
Plain and Twill Lappings, Doctors, &c.
And all supplies for Bleachers, Dyers and Calico Printers.

Established 1816.
INNIS & CO.,
Successors to GIFFORD, SHERMAN & INNIS.
POUGHKEEPSIE DYE WOOD WORKS
Manufacturers, Importers and Dealers in
Dye Woods, Dye Stuffs, Chemicals, Extract of Logwood
Office and Warehouse: 120 William Street - - New York

HOWE, BALCH & CO.
Importers and Dealers in
Indigo, Cutch, Dyestuffs
Dyewood Extracts
Liquid Cutch
Extract of Indigo, &c.
Commission Merchants in East India Merchandise
BOSTON—92 State St. NEW YORK—77 Water S
CALCUTTA—15 Hare St
AGENTS FOR
ARBUTHNOT CO., Madras, India. WILLIAM H. TAY, Buenos Ayres
H. E. BODE & SONS, Bombay.

F. E. ATTEAUX & CO.
—MANUFACTURERS AND IMPORTERS OF—
Aniline Colors, Dyestuffs and Chemicals
172 to 178 PURCHASE ST., BOSTON
Branch Office and Warehouse, GLOVERSVILLE, N. Y.

DAVIS, WOLT & CO.,
AGENTS FOR
The United Alkali Co. L'd.
GREENBANK WORKS
Caustic and Carbonate Potash, and 76 and 98 Per Cent Caustic Soda
58 WILLIAM STREET, NEW YORK.

UNEXCELLED FOR UNIFORMITY OF SHADE & QUALITY.
International Ultramarine Works, Ltd.
71--73 DUANE ST., NEW YORK,
Works at Rossville, Staten Island,
ULTRAMARINE
Ultramarine for Industries
A Specialty

Vacuum Leather Oil

JOBBERS HANDLE IT

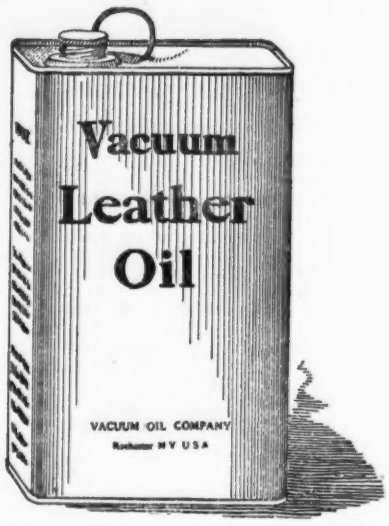
Because

It is Easy to Sell

It is Advertised Best

It is Right for its Purpose

It Gives Perfect Satisfaction



Put up taking cans, attractively enamelled. Handy patent Lambskin-with-wool-on-swob goes with each can, and book "How to Take Care of Leather."

Liberal Trade discounts

For Particulars Apply to

VACUUM OIL CO., Rochester, N. Y.

Or any Branch.

The AMERICAN Wick

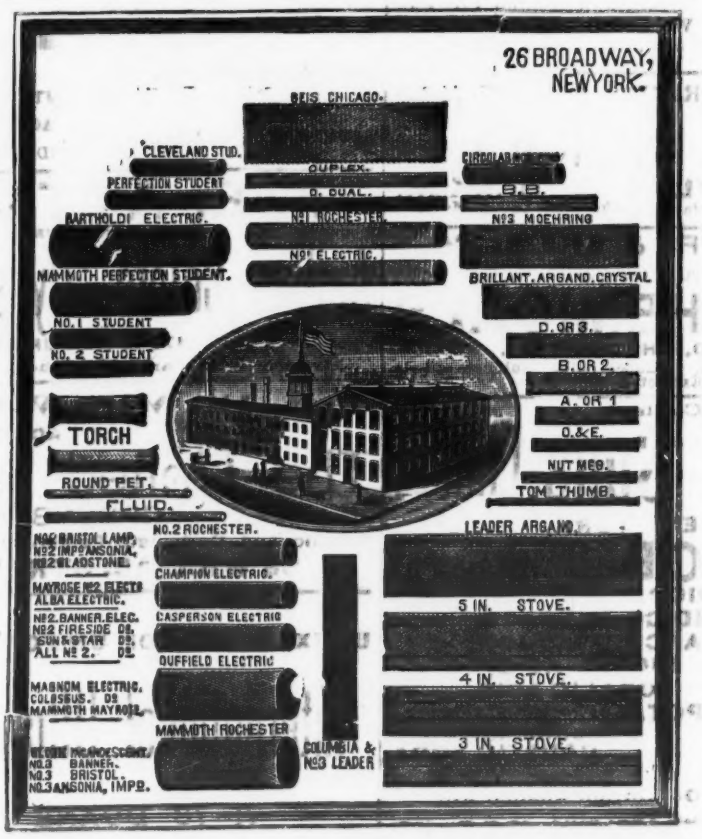
Is made on Scientific principles. The gum and dirt inherent in the natural cotton are taken out by chemical processes, involving, besides the expense of the treatment, considerable loss of material; but no loss or expense is spared to produce a wick that will give THE GREATEST ILLUMINATION.

Oil drawn up through the American Wick burns with a large, clear, white light and the flame does not drop off in size as it does when a poor wick is used. When the cotton is clogged with dust and gum as it is in common wicks the full illuminating power of the oil is not obtained and the complaint is heard that the light *drops*.

To ensure the best light, attention must be given to the following points:

THE WICK.

Ask your storekeeper for the **AMERICAN.** If he has it not in stock, tell him to send a postal card to a wholesale dealer, who will supply him. There is no way to get the best light without using *the best wick.*



2. THE LAMP.

Is it dirty? Has it been emptied recently? Every lamp should be emptied completely *once a week*, and always before putting in a new wick.

Is your lamp filled frequently? Lamps should be filled *every day*, so that you may begin the work of the evening with a full fount.

3. THE BURNER.

Is the burner clean? The life of the flame is the air it sucks through the holes in the disk around the wick tube. If the flame is smoky, see whether these holes are clogged or gummed. If so, boil the entire burner for a few moments in sal-soda water.

4. TRIMMING

Does the wick need to be trimmed? If yes, do not scrape it off; this hurts the wick and fills the burner with soot. *Cut it evenly across the top* and *slightly on the corners.*

Trim the wick every day. Put in a new wick *once a month.* The expense of a new wick is trifling. Dry a new wick thoroughly before putting it in the lamp.

By following the above rules and using only the *American Wick*, you will get perfect light, as harmless to the eye as sun-light.

We make wicks for every style of burner in the market. For samples, prices and all information, address

Wick Department Standard Oil Co.

C. S. Messinger, Manager, 26 Broadway, New York

General Western Agency, 230 Lake Street, Chicago

THE

DOMESTIC TRADE DEPARTMENT

OF THE

ATLANTIC REFINING CO.

Office, 125 Arch St., Philadelphia

CONTINENTAL AND "WESTMINSTER"

"ATLANTIC"
IN CONVENIENT CANS, EACH FURNISHED WITH A NOZZLE.

150 FIRE TEST
Water White

OILS

GASOLINES, all Gravities from 62° to 105°

LUBRICATING OILS

We call particular attention to our Trade Mark Brands, viz.:

Capitol Cylinder Oil Belmont Engine Oil Belmont Spindle Oil
Belmont Dynamo Oil And Renown Engine Oil for High Speed Machinery

Orders will receive Prompt Attention.

THESE TWO BRANDS OF

LUBRICATING OIL

Are the Best

AND MOST POPULAR

In the Market

Have been endorsed by thousands of the largest consumers and recommended by the leading Engine Builders in the Country

STANDARD OIL COMPANY

The Devoe Manufacturing Co.
75 New Street, New York City,
Proprietors and Manufacturers of the
Celebrated brands of Illuminating Oils.
Devoe's Brilliant-Photolite-Sterling
and Nonpareil

ACME OIL CO
REFINERS OF PETROLEUM
MAKE A SPECIALTY OF SUPPLYING THE
DOMESTIC TRADE
Works at TITUSVILLE. Pa

We offer all grades of Illuminating Oils of the finest quality and guarantee the greatest care and promptness possible in filling orders. Have unequalled facilities

STANDARD OIL CO.
NAPHTHA DEPARTMENT
Refiners of Naphtha and Gasoline

STANDARD OIL CO.'S
RED CROWN BRAND
Deodorized Stove Gasoline

THE QUALITY OF OUR STOVE GASOLINE
IS UNEQUALLED.

RELIABLE GOODS that always give satisfaction, is an important feature in the success and comfort of using a

GASOLINE STOVE.

OLD OR NEW PROCESS.

Ou facilities are unsurpassed. Our aim, prompt attention to the wants of Dealers and Consumers everywhere and at all times. Don't fail to order

RED CROWN BRAND.

Agencies in all the Principal Cities through the West and South

Office- 53 Euclid Ave., CLEVELAND. OHIO

CHEMICALS

POWERS & WEIGHTMAN

PHILADELPHIA, and No. 56 Maiden Lane, NEW YORK

MANUFACTURERS OF

QUININE, QUINIDINE, CINCHONIDINE, CINCHONINE Sulphate and other Salts.
MORPHINE—Sulphate and other Salts.
CODEINE, STRYCHNINE, SILVER Nitrate, BROMIDE and IODIDE POTASSIUM, CHLOROFORM, ETHERS, MERCURIAL EPSOM SALT, COPPERAS,
ACIDS—Tartaric, Citric, Sulphuric, Nitric, Muriatic, Etc.

AND A GENERAL ASSORTMENT OF

Chemicals for Use in Medicine and the Arts

CHAS. PFIZER & CO.

NEW YORK

MANUFACTURERS OF

Pharmaceutical and Photographic Chemicals

CREAM TARTAR CRYSTALS and POWDERED 99°

TARTARIC ACID, ROCHELLE SALTS,
Refined and Powdered Borax, Refined Camphor.

W. ZINSSER & CO.

197 William Street, NEW YORK.

MANUFACTURERS OF
PURE SALICYLIC ACID

WHITE GUM SHELLAC, FRENCH COPAL AND SHELLAC VARNISHES, LACKERS, CEMENTS, SEALING WAX, &c.

Union Chemical Works

MANUFACTURERS OF 100 PER CENT

Cream Tartar POWDERED and GRANULATED.
Tartaric Acid CRYSTALS and POWDERED.

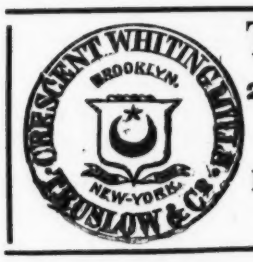
15 Cedar Street, New York.

Bellhouse, Dillon & Co.

9 CUSTOM HOUSE SQUARE, MONTREAL

Offer Canadian **POTASHES,** Inspected by Government Officer and Guaranteed Free from Salt.

ENQUIRIES SOLICITED



TRUSLOW AND COMPANY

219 Pearl St., & 2, 4 & 6 Platt St., N. Y.

—CORKS—

BREWERS' AND BOTTLERS' SUPPLIES

WHITING

A. H. WIRZ

MANUFACTURER OF

All Kinds of Bottle Stoppers
for Liquids and Powders;
Our New Style Caps Need not be Removed

COLLAPSIBLE TUBES

For Colors, Ointments, Pastes, Varnishes, Lithographic and Printing Inks, and Perfumes. A

Pill Machines

For Compressed or Soft Pills, of any shape for hand or power.

Suppository and Cosmetic Moulds,
Metal Syringes,
Collapsing Drinking Cups,
And a general line of Metal Goods for the Drug Trade.

PRICES AND SAMPLES ON APPLICATION.

913, 915, 917 CHERRY ST

PHILADELPHIA, PA.

Established 1848. Incorporated 1891.

The W. J. M. Gordon Chemical Co.

Successors to W. J. M. GORDON. CINCINNATI, OHIO

Manufacturers of Chemically Pure

GLYCERIN

Also for Nitro, and all purposes for which it is used.
Quality Unsurpassed. Correspondence with large consumers and dealers solicited.

THE GRASSELLI CHEMICAL COMPANY

CLEVELAND, O. NEW YORK, ST. LOUIS, MO. CINCINNATI.

MANUFACTURERS OF Chemically Pure Distilled 1.260 Sp. Gr.

GLYCERIN

ALSO GLYCERIN FOR NITRO-GLYCERIN AND OTHER PURPOSES.

Mixed Acid for Nitro-Glycerin

SULPHURIC ACID, SULPHATE AMMONIA, MURIATIC ACID, AQUA AMMONIA
NITRIC ACID, BLUE VITRIOL, SAL SODA, SULPHATE OF SODA

New York Office, 71 Wall Street.

MARX & RAWOLLE

MANUFACTURERS OF

GLYCERINE

CHEMICALLY PURE.

Glycerine for Nitro and for all other Manufacturing Purposes

163 WILLIAM STREET, NEW YORK.

The Western Chemical Co.

CINCINNATI, OHIO,

MANUFACTURERS OF

Refined Rosin, Bloomless and Odorless Rosin Oils, Pinoline, Nicotine, Extracts, Grease and Chemicals for Dyers, Tanners and Soap Makers.

SOLE U. S. AGENTS for G. B. Rosbach's, Barmen, Germany,

Chemically Pure GLYCERINE & Neutral CASTILE SOAPS

Cable Address, ABACK.

Wallace, Müller & Co. Limited

COMMISSION MERCHANTS

48 Pearl St., New York.

Best Brands of French, Spanish, and Italian

CRUDE GLYCERINE

28° Beaume and upwards.

For Sale in Single Drum Lots.

THE M. WERK CO.

CINCINNATI, O.

MANUFACTURERS AND DISTILLERS OF ODORLESS

Pure White

AND

Chemically Pure

GLYCERINE

ALSO GLYCERINE FOR NITRO.

THE PROCTER & GAMBLE CO

CINCINNATI,

PRODUCERS AND REFINERS OF

GLYCERINE

LINDER & MEYER

89 STATE STREET, BOSTON

HIGH TEST CAUSTIC SODA, HIGH TEST BLEACHING POWDER

NEW ENGLAND AGENTS. { BRUNNER, MOND & CO.'S 48% and 58% PURE ALKAL
{ SOLVAY PROCESS CO. 36%, 48% and 58% PURE ALKAL

Cochrane Chemical Company

55 KILBY STREET, BOSTON.

MANUFACTURERS OF

OIL VITRIOL, MURIATIC ACID, NITRIC ACID, SULPHATE AMMONIA, AQUA AMMONIA, SULPHATE SODA, EXTRACT INDIGO, GLAUBER'S SALT, ACETIC ACID

Mixed Acids for Nitro-Glycerine

Works at Everett, Malden and East Cambridge.

INDIGO EXT.

MANUFACTURED BY

WM. J. MATHESON & CO., Limited, 178 Front Street, New York,

Branch Houses: Boston, 492-496 Atlantic Ave. Philadelphia, 140 So. Delaware Ave. Providence, 15 S. Water Street.

New York. Boston. Philadelphia. Providence

DAVID E. GREEN

74 John St., N. Y.

Importer and Dealer in

Gums Arabic, Senegal, Tragacanth, Vanilla Beans, Insect Powder, Cocoa Butter, Nutgalls, Tonka Beans.

JOHN S. ADRIANCE

Chemical Engineer & Analytical Chemist

231 Broadway, New York.

Hollingsworth & Peterson

PHILADELPHIA, PA.,

Sole Agents for J. L. & D. S. Riker of N.Y.

For Philadelphia and Vicinity

For the Sale of the Various Brands of

BLEACHING POWDER

MANUFACTURED BY

The United Alkali Co. Ltd. of Great Britain

Hamilton H. Salmon & Co.

133-137 Front St., New York

Importers, Exporters and Commission Merchants

Fertilizer Materials and Chemicals for manufacturing purposes of all descriptions. Specialties:—Muriate of Potash, Double Manure Salt, Sulphate of Potash, Kainit, Sylvinit and other products of the Stassfurt mines.

Correspondence Solicited.

Samples and Information upon Application.

PARIS WHITE
WHITING
CHALK, PUTTY
KALSOMINE

PHILLIPS, FERGUSSON & HANOLD CO., 203 WEST ST. N. Y.

Solvents for Shellac
Celluloid, Pyroxylin, etc.
Wood Preservatives
Disinfectants
Shingle Stains
Black Paints
and Varnishes
Paving Pitch

Manufactured and for sale by

The Walker Chemical Co.

Jersey City, N. J.

The Pure Rubber Paint Co.

Manufacturers of

Paint for Outside Work in Five Colors

SEND FOR CIRCULAR

138 & 140 N. Broad St, Philadelphia, Pa

A. W. DODD & CO., Gloucester, Mass.

Manufacturers and Importers

Sperm, Whale, Bank Straits **OILS** Norwegian & Newfoundland Cod Liver

H.W. JOHNS' ASBESTOS LIQUID PAINTS

SEND FOR SAMPLE CARD AND DESCRIPTIVE PRICE LIST.

H. W. JOHNS MANUFACTURING CO

Sole Manufacturers of H. W. Johns' Asbestos Roofing, Sheathing Building Felt, Asbestos Steam Packing, Boiler Coverings, Roof Paints, Fire-Proof Paints, etc.

Vulcabeston *Moulded Piston Rod Packing Rings, Gaskets, Sheet Packing, etc*

Established 1858. 87 MAIDEN LANE, NEW YORK.

CHICAGO, PHILADELPHIA, BOSTON, LONDON

The Peace River Phosphate Co

152-154 Front Street, New York

Highest Grade River Pebble Phosphate Rock

BY CAR LOAD OR CARGO

M. F. KNUDSON, President — R. W. PATERSON, Vice-Pres't. & Treas'r. — HENRY MORITZ, Secretary.

American OZOKERITE

FOR INSULATING AND OTHER USES.

A PERFECT SUBSTITUTE FOR BEESWAX.

J. WALLACE Stewart Building, NEW YORK

Metal Lacquers AND Varnishes

FOR SPECIAL USES

CELLULOID ZAPON CO.

Sole Licensees of the Celluloid Company. 41 Barclay St., New York.

J. J. Adams & CO. Sole Manufacturers

49 Beekman St., New York.

WM. H. SCHEEL

78 Pine St, NEW YORK

VARNISH MAKERS' SUPPLIES

ALSO

GUM SCHEEL-LAC

(Shellac Substitute)

SEND FOR QUOTATIONS.

R. HILLIER'S SON Company

Importers and Drug Millers

No. 19 Liberty Street, NEW YORK

NEW GOODS

Gum Asafœtida, Senna Leaves, Barbadoes Aloes, Gourds, Tested Red and Yellow Barks, Dandelion Root, Gum Myrrh, Cardamon Seeds

THOS. H. WHITE & CO.

FERTILIZER MATERIALS AND CHEMICALS

134 Van Buren St., CHICAGO, ILLS. — 104 Commerce St., BALTIMORE MD

GUM SHELLAC All Grades

HOWE & FRENCH, BOSTON

Represented in Philadelphia by WM. M. WILSON'S SONS, 122 Arch Street.
Represented in Ohio by the CLEVELAND COMMERCIAL CO., Cleveland.

Pittsburgh Testing Laboratory, Ltd

Geo. H. Clapp, Chairman. Alfred E. Hunt, Secy and Treas.

HUNT & CLAPP Inspecting and Metallurgical Engineers and CHEMISTS,

116 Water St., Pittsburgh, Pa.

Analyses of Water, Ores, Metals, Slags, Coal, Coke, and all Metallurgical Products

Analyses of Paints and Oils a Specialty. Prices on Application.

ALONZO L. THOMSEN

Manufacturing Chemist,

Works, Leadenhall and Winder Streets, Baltimore, Md.

Epsom Salt, Sulphite Soda, Podophyllin, Sal Soda, Phosphate Soda, SULPHATE ZINC

Chemically Pure Acids

WILLIAM REID

IMPORTER AND JOBBER OF

POLISHED PLATE, WINDOW GLASS, Etc.

Offices and Warehouses

DETROIT: Mich. BUFFALO, N.Y. GRAND RAPIDS, Mich.

Wheeler's PATENT WOOD FILLER

BREINIG'S LITHOGEN SILICATE PAINT

THE BRIDGEPORT WOOD FINISHING CO., New Milford, Conn

Sole Manufacturers, GRANVILLE M. BREINIG, Gen'l Agt. & Sup

New York, 240 Pearl St. Chicago, 206 E. Lake St. St. Louis, 521 St. Charles St. Boston, 89 Oliver St.